



NA-series HMI Programmable Terminal

OMRON Standard Intelligent Application Gadgets (IAG) Library

NA5-15□101□

NA5-12□101□

NA5-9□001□

NA5-7□001□

Practices
Guide

■ Introduction

This guide provides reference information for the creation and use of Intelligent Application Gadget (IAG) objects. It does not provide safety information.

Be sure to obtain the NA-series Programmable Terminal User's Manuals, read and understand the safety points and other information required for use, and test sufficiently before actually using the equipment.

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1 Related Manuals

The following manuals are related to this manual.

Cat. No.	Model	Manual name
V117	NA5-15W□□□□ NA5-12W□□□□ NA5-9W□□□□ NA5-7W□□□□	NA-series Programmable Terminal Hardware User's Manual
V118	NA5-15W□□□□ NA5-12W□□□□ NA5-9W□□□□ NA5-7W□□□□	NA-series Programmable Terminal Software User's Manual
V119	NA5-15W□□□□ NA5-12W□□□□ NA5-9W□□□□ NA5-7W□□□□	NA-series Programmable Terminal Device Connection User's Manual
V120	NA5-15W□□□□ NA5-12W□□□□ NA5-9W□□□□ NA5-7W□□□□	NA-series Programmable Terminal Startup Guide
W504	SYSMAC-SE2□□□	Sysmac Studio Version 1 Operation Manual

2 Precautions

- (1) When building an actual system, check the specifications of the component devices of the system, use within the ratings and specified performance, and implement safety measures such as safety circuits to minimize the possibility of an accident.
- (2) For safe use of the system, obtain the manuals of the component devices of the system and check the information in each manual, including safety precautions, precautions for safe use.
- (3) It is the responsibility of the customer to check all laws, regulations, and standards that the system must comply with.
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- (6) The operation of each design template has tested using the device configuration indicated in section 3-3 of this guide. The operation of screens after incorporation of the templates is not guaranteed.

Special information in this document is classified as follows:



Precautions for Safe Use

Indicates precautions on what to do and what not to do to ensure safe usage of the product.



Precautions for Correct Use

Indicates precautions on what to do and what not to do to ensure proper operation and performance.



Additional Information

Additional information to read as required.

This information is provided to increase understanding or make operation easier.

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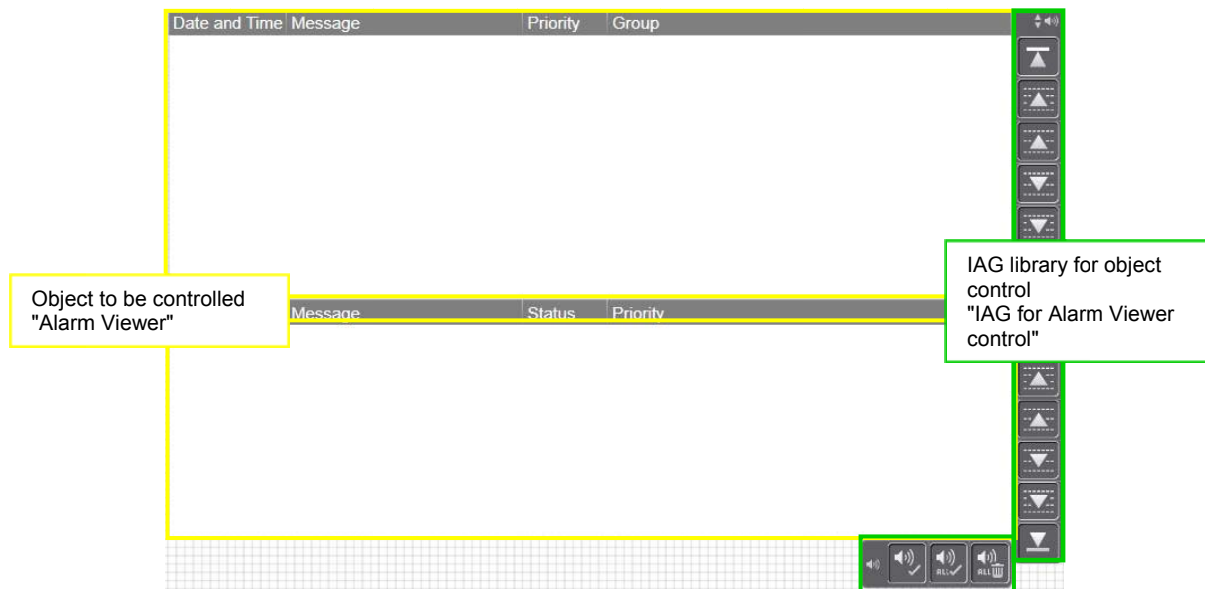
3 Introduction

3-1 Introduction

The NA series enables the creation and use of Intelligent Application Gadget (IAG) objects that incorporate a Visual Basic program.

OMRON provides samples of frequently used objects as an IAG library.

As an example, when the alarm viewer is used as shown below, the IAG objects are arranged together with the viewer to allow operation of the viewer screen.



This guide describes the following functions and objects.

- Alarm/Alarm Viewer Objects
- Recipe/Recipe Viewer Objects
- Data Logging/Trend Graph Objects
- Media Player Objects

This guide describes the following of the functions and objects listed above.

- List of the IAG objects that are provided by a library
- External specification for an individual IAG object
- Methods of importing and setting IAG library

3-2 Provided Files

The following files are provided.

Distribution Files (.iag)

- OmronStandardIAG_114A_E_AlarmButtons.iag
- OmronStandardIAG_114A_E_AlarmViewerButtons.iag
- OmronStandardIAG_114A_E_DataLoggingButtons.iag
- OmronStandardIAG_114A_E_MediaPlayerButtons.iag
- OmronStandardIAG_114A_E_RecipeViewerButtons.iag
- OmronStandardIAG_114A_E_ShowDocumentButtons.iag
- OmronStandardIAG_114A_E_TrendGraphButtons.iag

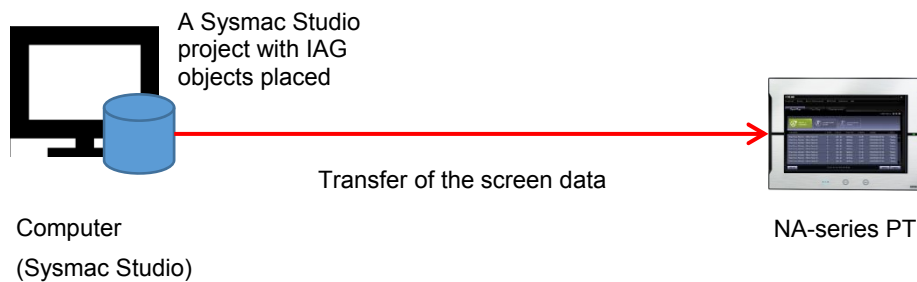
Project Files (.smc2)

- OmronStandardIAG_114A_E_AlarmButtons.smc2
- OmronStandardIAG_114A_E_AlarmViewerButtons.smc2
- OmronStandardIAG_114A_E_DataLoggingButtons.smc2
- OmronStandardIAG_114A_E_MediaPlayerButtons.smc2
- OmronStandardIAG_114A_E_RecipeViewerButtons.smc2
- OmronStandardIAG_114A_E_ShowDocumentButtons.smc2
- OmronStandardIAG_114A_E_TrendGraphButtons.smc2

Ask your OMRON representative for information on how to obtain the files.

3-3 Configuration Units

OMRON implemented the operation check of the libraries using the following system configuration. The used versions of each library component are also provided.



Versions of library components used for the operation check are as follows.

- NA OS version : 4.2.1
- NA version : 1.03
- Sysmac Studio version : 1.14
- IAG library version : 1.14A
- Distribution files version : 1.14A
- Project file version : 1.14A



Precautions for Correct Use

The provided library is a sample, not an OMRON product. The library is out of OMRON quality assurance coverage.

Before using the library in actual operation, make sure it functions normally with your machine.

4 Library Versions

This section describes types of IAG library versions appeared in this guide.

The following types of versions are to be managed in order to use the library.

Version type	Description	Version number confirmation method
Project file version	Assigns the version number of the project files that edits and manages the IAG library. Assigning this version number allows you to manage the records of library component additions and removals, and version updates in individual IAG libraries.	You can check and edit the number using the IAG project file edit function in the Sysmac Studio.
Distribution files version	Used for the same purpose as the project file version. Each distributed IAG file has a unique library version number.	You can check the number using "IAG Collections Manager" in the Sysmac Studio.
IAG library version	Assigns the version number to individual IAG library. Assigning this version number allows you to manage the records of IAG specification changes, bug removals, and other changes.	You can check and edit the number using the IAG project file edit function in the Sysmac Studio. You can also check the number as an IAG property item using "IAG Collections Manager". After placement of a library as an object, you can check the number from the "properties" of the object.
NA version	The version of the NA-series PT used for the IAG creation. Each version supports different functions. You cannot use the IAG objects with their version numbers indicated in the properties tables in sections 6 to 12 later than the version number of your PT.	You can check and edit the number using "Device Type" in the Sysmac Studio.
NA OS Version	Assigns the version number of the operation system that can operate the runtime of the NA-series PT. The supported operation system version depends on the runtime versions of the PT.	You can check the NA OS version number from NA System Menu. You can change the NA runtime version of the project using the Sysmac Studio if needed.

The versions of the IAG library described in this guide and the supported NA runtime/OS versions by the IAG library are as follows.






Version type	Version	Remarks
Project file version	Version 1.14A	The project files have a file extension of smc2.
Distribution files version	Version 1.14A	The distribution files have a file extension of iag.
IAG library version	Version information is provided for each library.	Refer to "Property" in sections 6 to 12.
NA version	Version 1.03 or later	
NA OS Version	Version 4.2.1 or later	

5 Overview of IAG Objects

This section lists IAG objects used for each action.









- Alarm control IAG objects (sample)

IAG file name: "OmronStandardIAG_114A_E_AlarmButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Clear Alarm Log [Clear_all_user_alarmlog]		Clears the alarm log in non-volatile memory.	Not supported.
Check Selected Alarm [Acknowledge_the_selected_alarm]		Checks the selected alarm.	
Check All Alarms [Acknowledge_all_user_alarms]		Checks all user alarms.	


- Alarm viewer control IAG objects (sample)

IAG file name: "OmronStandardIAG_114A_E_AlarmViewerButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Scroll Up by Specified Number of Lines [Move_up_more_lines]		Scrolls up by the specified number of lines.	
Scroll Down by Specified Number of Lines [Move_down_more_lines]		Scrolls down by the specified number of lines.	
Scroll Up One Line [Move_up_1_line]		Scrolls up one line.	
Scroll Down One Line [Move_down_1_line]		Scrolls down one line.	

- Media Player control IAG objects (Sample)














IAG file name: "OmronStandardIAG_114A_E_MediaPlayerButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Play [Play_movie]		Plays the video registered in the specified media player.	Not supported.
Pause [Pause_movie]		Pauses the video played by the specified media player.	Not supported.
Stop [Stop_movie]		Stops the video played by the specified media player or cancels the pause.	Not supported.

5. Overview of IAG Objects









- Recipe control IAG objects (sample)

IAG file name: "OmronStandardIAG_114A_E_RecipeViewerButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Add Record [Add_recipe]		Adds a new recipe record with the specified record name to the last line of the recipe record list in volatile memory.	
Delete Record [Delete_recipe]		Deletes a specified recipe record from a specified recipe database file.	
Save in Database [Save_recipe]		Saves a specified recipe record that is in volatile memory in a specified recipe database file.	
Save As [Save_recipe_as]		Assigns a name to and saves (adds) the record selected in the recipe viewer to the recipe database.	Not supported.
Import Recipe from External Storage [Import_recipe]		Imports recipe files from external storage into volatile memory.	Not supported.
Export Recipe to External Storage [Export_recipe]		Exports recipe files from volatile memory to external storage	Not supported.
Write to Controller [Write_recipe_to_controller]		Loads the values in the recipe fields of the recipe records saved in volatile memory and saves the values in the controller variables assigned for a specified recipe template.	
Read from Controller [Read_recipe_from_controller]		Loads the values in the controller variables assigned for a specified recipe template and saves the values in the specified recipe record in volatile memory	

- Data logging control IAG objects (sample)
















IAG file name: "OmronStandardIAG_114A_E_DataLoggingButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Stop Data Logging [Stop_data_logging]		Stops data logging to the specified data set.	
Start Data Logging [Start_data_logging]		Starts data logging of the specified data set.	
Clear Logged Data [Clear_datalog_buffer]		Deletes the logged data of the specified data set from non-volatile memory and clears the display.	
Write to File [Export_datalog_buffer]		Saves the data that is saved in non-volatile memory to a file in external storage.	

5. Overview of IAG Objects

- Trend graph control IAG objects (sample)



IAG file name: "OmronStandardIAG_114A_E_TrendGraphButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Scroll Left [Trend_ScrollForward]		Scroll left the trend graph display by single page.	Not supported.
Scroll Right [Trend_ScrollBack]		Scroll right the trend graph display by single page.	Not supported.
Scroll to Start Position [Trend_ScrollStart]		Scrolls the trend graph back to the logging start position.	Not supported.
Scroll to End Position [Trend_ScrollEnd]		Scrolls the trend graph to the most recent logging data position.	Not supported.
Show/Hide Cursor [Trend_DisplayCursor]		Shows/hides the specified cursor.	Not supported.
Show/Hide Cursor 1 [Trend_DisplayCursor1]		Shows/hides cursor 1.	Not supported.
Show/Hide Cursor 2 [Trend_DisplayCursor2]		Shows/hides cursor 2.	Not supported.
Display Mode [Trend_DisplayModeChange]		Selects the display mode of the specified trend graph object (Analog graph / Digital graph / Both)	Not supported.
Show Analog [Set_trend_display_mode_analog]		Shows only the analog data of the specified trend graph object.	Not supported.
Show Digital [Set_trend_display_mode_digital]		Shows only the digital data of the specified trend graph object.	Not supported.
Show Both Analog/Digital Data [Set_trend_display_mode_both]		Shows both the digital and analog data of the specified trend graph object simultaneously.	Not supported.
Zoom-in [Zoom_into_trend]		Magnifies the view of the specified trend graph, centered at the center of the display.	Not supported.
Zoom-out [Zoom_out_trend]		Reduces the view of the specified trend graph, centered at the center of the display.	Not supported.
Scroll Up [Trend_Scrollup]		Scrolls the specified trend graph one page up.	Not supported.
Scroll Down [Trend_Scrolldown]		Scrolls the specified trend graph one page down.	Not supported.

5. Overview of IAG Objects

- Document Viewer control IAG objects (sample)


IAG file name: "OmronStandardIAG_114A_E_ShowDocumentButtons.iag"

Item	Icon	Description	Reference: Icon appearance in the NS-series PT
Show Document [Show_document]		Displays a specified document at a specified size (length and width).	Not supported.
Show Document (Full Screen) [Show_document_full_screen]		Displays the specified document in full-screen mode.	Not supported.


- Compound IAG objects (sample)

Combinations of multiple control objects (compound IAG objects) are also provided as a part of the sales promotion sample IAG library. These objects eliminate the needs of the property settings and simplify the controls of each function.


IAG file name: "OmronStandardIAG_114A_E_AlarmButtons.iag"

Item	Icon	Description
Alarm control compound object [Alarm_composition_all]		[Clear Alarm Log] [Check Selected Alarm] [Check All Alarms] Compound IAG consisting of three objects.

IAG file name: "OmronStandardIAG_114A_E_AlarmViewerButtons.iag"

Item	Icon	Description
Alarm viewer control compound object [Scroll_compsition_all]		[Return to Top] [Scroll Up by Specified Number of Lines] [Scroll Up One Line] [Scroll Down One Line] [Scroll down by the specified amount of lines] [Go to End] Compound IAG consisting of six objects.

IAG file name: " OmronStandardIAG_114A_E_MediaPlayerButtons.iag"

Item	Icon	Description
Media Player Compound Object [Media_player_compotision_all]		[Stop] [Play] [Pause] Compound IAG consisting of three objects.

5. Overview of IAG Objects

IAG file name: "OmronStandardIAG_114A_E_RecipeViewerButtons.iag"

Item	Icon	Description
Recipe control compound object [Recipe Composition]		[Add Record] [Save] [Save As] [Delete] [Import] [Export] [Read from Controller] [Write to Controller] Compound IAG consisting of eight objects.

IAG file name: "OmronStandardIAG_114A_E_DataLoggingButtons.iag"

Item	Icon	Description
Data logging compound object [Datalog_composition]		[Start Data Logging] [Stop Data Logging] [Clear Logged Data] [Save logged data] Compound IAG consisting of four objects.

IAG file name: "OmronStandardIAG_114A_E_TrendGraphButtons.iag"

Item	Icon	Description
Trend Graph Control (Horizontal Axis) Compound Object [Trend_graph_composition_all]		[Scroll to Start Position] [Scroll Left] [Scroll Right] [Scroll to End Position] [Show/hide cursor 1] [Show/hide cursor 2] [Show/hide analog data] [Show/hide digital data] Compound IAG consisting of eight objects.
Trend Graph Control (Vertical Axis) Compound Object [Trend_graph_composition2]		[Scroll Up] [Scroll Down] [Zoom-in] [Zoom-out] Compound IAG consisting of four objects.



IAG file name: "OmronStandardIAG_114A_E_ShowDocumentButtons.iag"

Item	Icon	Description
Document Viewer control compound objects [Document_viewer_composition_all]		[Show Document] [Show Document (Full Screen)] Compound IAG consisting of two objects.

6 IAG for Alarm Control

6-1 Clear Alarm Log

- External specification

Object name	Clear_all_user_alarmlog
Category	IAG_Alarm
Description	Clears the alarm log in non-volatile memory.
Features	Clears not only a single specific alarm, but also all the other alarm data saved in the NA-series PT.
Graphic expression	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> Not pressed:  </div> <div style="display: flex; align-items: center;"> Pressed:  </div> </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Clear_all_user_alarmlog0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60

Properties screen

▼ General	
Name	Clear_all_user_alarmlog0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	600, 60
Left	600
Top	60
▼ Size (Width,Height)	60, 60
Width	60
Height	60

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.



Additional Information

This IAG does not have a "Behavior (Input)" property.

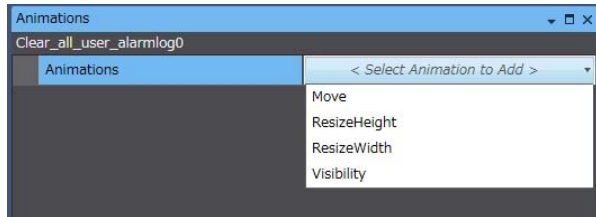
- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



6-2 Check Selected Alarm

● External specification

Object name	Acknowledge_the_selected_alarm
Category	IAG_Alarm
Description	Checks the selected alarm.
Features	Checks the alarm selected in the alarm viewer specified by AlarmObjectName.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Acknowledge_the_selected_alarm0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2.	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjectName	Specifies the alarm viewer object name.	Direct input	Character string (String)*3	(Blank)

Properties screen

▼ General	
Name	Acknowledge_the_selected_alarm0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	250, 50
Left	250
Top	50
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
AlarmObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjectName" property.
A build error will occur if not entered.

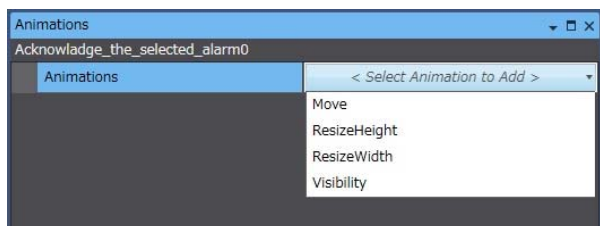
- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



6-3 Check All Alarms

● External specification

Object name	Acknowledge_all_user_alarms
Category	IAG_Alarm
Description	Checks all alarms.
Features	Checks all NA unit alarms.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Acknowledge_all_user_alarms0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Properties screen				

▼ General	
Name	Acknowledge_all_user_alarms0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	30, 50
Left	30
Top	50
▼ Size (Width,Height)	60, 60
Width	60
Height	60

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.



Additional Information

This IAG does not have a "Behavior (Input)" property.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



7 Alarm Viewer Control IAG

7-1 Scroll Up by Specified Number of Lines

- External specification

Object name	Move_up_more_lines
Category	IAG_Alarm
Description	Scrolls up by the specified number of lines.
Features	Scrolls the alarm viewer specified in AlarmObjectName up by the number of lines specified in ViewerScrollAmount.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Move_up_more_lines0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)
ViewerScrollAmount	Specifies the number of alarm viewer scroll lines.	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Move_up_more_lines0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	950
Top	60
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
AlarmObjName	
ViewerScrollAmount	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjName" and "ViewerScrollAmount" properties. A build error will occur if not entered.

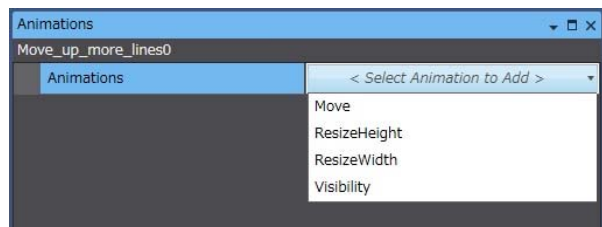
- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



7-2 Scroll Down by Specified Number of Lines

● External specification

Object name	Move_down_more_lines
Category	IAG_Alarm
Description	Scrolls down by the specified number of lines.
Features	Scrolls the alarm viewer specified in AlarmObjectName down by the number of lines specified in ViewerScrollAmount.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Move_down_more_line s0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)
ViewerScrollAmount	Specifies the number of alarm viewer scroll lines.	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Move_down_more_lines0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	770
Top	60
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
AlarmObjName	
ViewerScrollAmount	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjName" and "ViewerScrollAmount" properties.

A build error will occur if not entered.

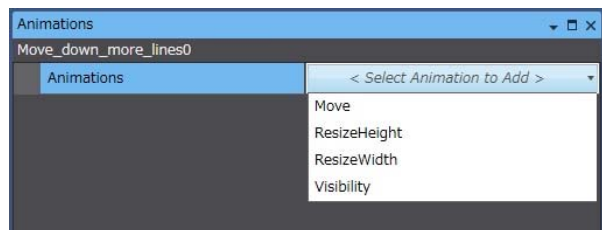
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



7.Alarm Viewer Control IAG

7-3 Scroll Up One Line

- External specification

Object name	Move_up_1_line
Category	IAG_Alarm
Description	Scrolls up one line.
Features	Scrolls the alarm viewer specified in AlarmObjectName up one line.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Move_up_1_line0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Move_up_1_line0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	860, 60
Left	860
Top	60
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
AlarmObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjName" property.
A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



7.Alarm Viewer Control IAG

7-4 Scroll Down One Line

- External specification

Object name	Move_down_1_line
Category	IAG_Alarm
Description	Scrolls down one line.
Features	Scrolls the alarm viewer specified in AlarmObjectName down one line.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Move_down_1_line0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ 一般	
Name	Move_down_1_line0
Type	IAG
Version	1.0
Publisher	Omron
▼ 外観	
BackgroundColor	<input type="checkbox"/> Transparent
▼ レイアウト	
▼ Position (Left,Top)	
Left	0
Top	0
▼ Size (Width,Height)	
Width	60
Height	60
▼ 入力動作	
AlarmObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjName" property.
A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



7.Alarm Viewer Control IAG

7-5 Return to Top

● External specification

Object name	Return_to_the_top_of_Alarm_List
Category	IAG_Alarm
Description	Returns to the top of the alarm list.
Features	Included in alarm viewer control compound object [Scroll_compsition_all]. For details, refer to "13-2 Alarm Viewer Control Compound Object".
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	---
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Scroll_composition_all0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	30
Top	130
▼ Size (Width,Height)	
Width	66
Height	386
▼ Behavior (Input)	
AlarmObjName	
ViewerScrollAmount	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



7.Alarm Viewer Control IAG

7-6 Go to End

- External specification

Object name	Go_to_the_end_of_Alarm_List
Category	IAG_Alarm
Description	Moves to the end of the alarm list.
Features	Included in alarm viewer control compound object [Scroll_compsition_all]. For details, refer to "13-2 Alarm Viewer Control Compound Object".
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	---
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
AlarmObjName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Scroll_composition_all0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	30
Top	130
▼ Size (Width,Height)	
Width	66
Height	386
▼ Behavior (Input)	
AlarmObjName	
ViewerScrollAmount	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning an alarm on the page as an object, you must enter the "AlarmObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



8 Media Player Control IAG

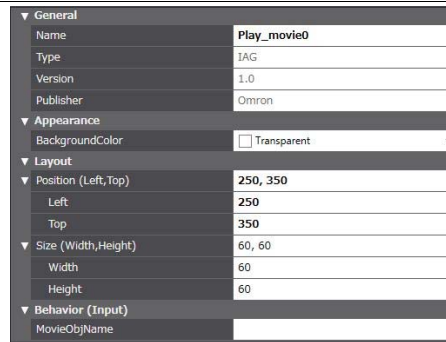
8-1 Play

- External specification

Object name	Play_movie
Category	IAG_Movie
Description	Plays the video registered in the specified media player.
Features	Can also resume a video that was stopped or paused.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Play_movie0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
MovieObjName	Specifies the media player object name.	Direct input	Character string (String) *3	(Blank)
Properties screen				



▼ General	
Name	Play_movie0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	250
Top	350
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
MovieObjName	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "MovieObjName" property.

A build error will occur if not entered.

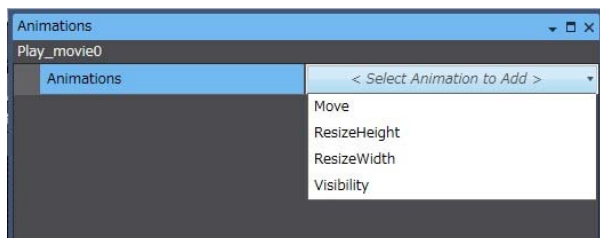
● Event and action

There are no event and action functions.

● Animation



You can define the basic animation action.

For details, refer to "Animations".



8-2 Pause

- External specification

Object name	Pause_movie
Category	IAG_Movie
Description	Pauses the video played by the specified media player.
Features	Pauses the video played by the media player specified in "MovieObjName".
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Pause_movie0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
MovieObjName	Specifies the media player object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Pause_movie0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	240, 250
Left	240
Top	250
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
MovieObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "MovieObjName" property.

A build error will occur if not entered.

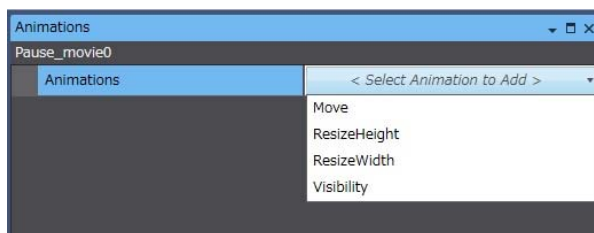
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



8. Media Player Control IAG

8-3 Stop

- External specification

Object name	Stop_movie
Category	IAG_Movie
Description	Stops the video played by the specified media player or cancels the pause.
Features	Stops the video played by the media player specified in "MovieObjName". If replayed, playback starts from the beginning of the video.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Stop_movie0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
MovieObjName	Specifies the media player object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Stop_movie0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	260, 430
Left	260
Top	430
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
MovieObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "MovieObjName" property.

A build error will occur if not entered.

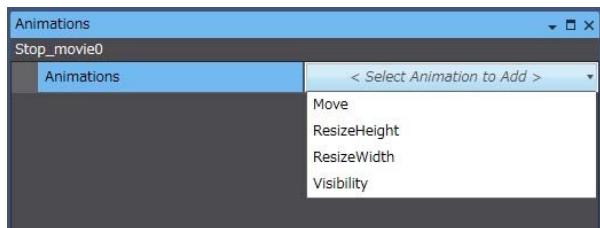
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



9 Recipe Control IAG

9-1 Add Record

- External specification

Object name	Add_recipe
Category	IAG_Recipe
Description	Adds a new recipe record with the specified record name to the last line of the recipe record list in volatile memory.
Features	"Add" accesses the recipe record in volatile memory.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Add_recipe0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Add_recipe0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	190
Top	130
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
RecipeObjName	
NewInstanceName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" property.

A build error will occur if not entered.

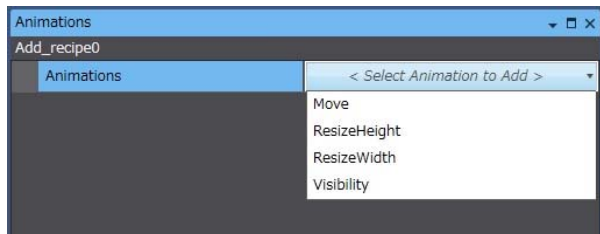
- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



9-2 Delete Record

● External specification

Object name	Delete_recipe
Category	IAG_Recipe
Description	Deletes the recipe record selected in the recipe viewer from the recipe database file.
Features	"Delete" accesses the specified recipe database file in non-volatile memory.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Delete_recipe0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General

Name	Delete_recipe0
Type	IAG
Version	1.0
Publisher	Omron

▼ Appearance

BackgroundColor	<input type="checkbox"/> Transparent
-----------------	--------------------------------------

▼ Layout

▼ Position (Left,Top)	190, 230
Left	190
Top	230
▼ Size (Width,Height)	60, 60
Width	60
Height	60

▼ Behavior (Input)

RecipeObjName	
---------------	--

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



9-3 Save in Database

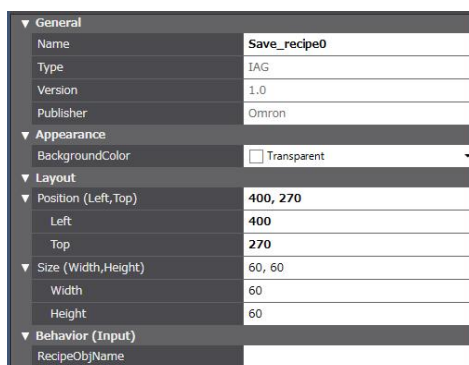
- External specification

Object name	Save_recipe
Category	IAG_Recipe
Description	Saves the recipe record selected in the recipe viewer in the database.
Features	"Save" indicates the action of writing data from volatile memory to non-volatile memory.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Save_recipe0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)

Properties screen



▼ General	
Name	Save_recipe0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left, Top)	400, 270
Left	400
Top	270
▼ Size (Width, Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
RecipeObjName	

*1. "Transparent" indicates that the color is transparent.

-
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" property.

A build error will occur if not entered.



- Event and action
There are no event and action functions.

- Animation
You can define the basic animation action.
For details, refer to "Animations".



9-4 Save As

- External specification

Object name	Save_recipe_as
Category	IAG_Recipe
Description	Assigns a name to and saves (adds) the record selected in the recipe viewer to the recipe database.
Features	"Save" indicates the action of writing data from volatile memory to non-volatile memory. The recipe with the new name is added to the last line of the recipe database file. The data in the saved (added) record is the same as the data in the selected record.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Save_recipe_as0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Save_recipe_as0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	420
Top	380
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
RecipeObjName	
NewInstanceName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



9-5 Import Recipe from External Storage

- External specification

Object name	Import_recipe
Category	IAG_Recipe
Description	Imports a recipe file saved in external storage into non-volatile memory.
Features	"Import" indicates the action of writing data from external storage to non-volatile memory. All recipe records saved in the file in external storage are imported into the recipe record list in non-volatile memory.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Import_recipe0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* *2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)
PathAndFileName	Import file path and file name *4	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Import_recipe0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	240
Top	490
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
RecipeObjName	
PathAndFileName	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .
- *4. The import file path and file name are as follows:
 Import file path_SD card: \SDCard\Folder name\File name
 _USB memory: \USBDisk\Folder name\File name
 Example: SDCard\Recipe0.csv: Imports from "Recipe.csv" file in root directory of SD card



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" and "PathAndFileName" properties.
 A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



9-6 Export Recipe to External Storage

- External specification

Object name	Export_recipe
Category	IAG_Recipe
Description	Exports the recipe template data selected in the recipe viewer to external media.
Features	"Export" indicates the action of writing data from non-volatile memory to external storage. All recipe records in non-volatile memory are exported to the external storage file. Specify the export path and file name with the "PathAndFileName" property.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Export_recipe0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2.	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)
PathAndFileName	Specifies the export path and file name. *4	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Export_recipe0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left, Top)	
Left	190
Top	350
▼ Size (Width, Height)	
Width	60
Height	60
▼ Behavior (Input)	
RecipeObjName	
PathAndFileName	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. The export file path and file name are as follows:
 Export file path_SD card: \SDCard\Folder name\File name
 _USB memory: \USBDisk\Folder name\File name
 Example: SDCard\Recipe0.csv: Exports to "Recipe.csv" file in root directory of SD card



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" and "PathAndFileName" properties.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



9-7 Write to Controller

- External specification

Object name	Write_recipe_to_controller
Category	IAG_Recipe
Description	Writes the recipe data selected in the recipe viewer to the applicable variable.
Features	The variable name and controller written to are specified in the template.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Export_recipe0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3.	(Blank)

Properties screen

▼ General	
Name	Write_recipe_to_controller0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	300, 430
Left	300
Top	430
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
RecipeObjName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



9. Recipe Control IAG

9-8 Read from Controller

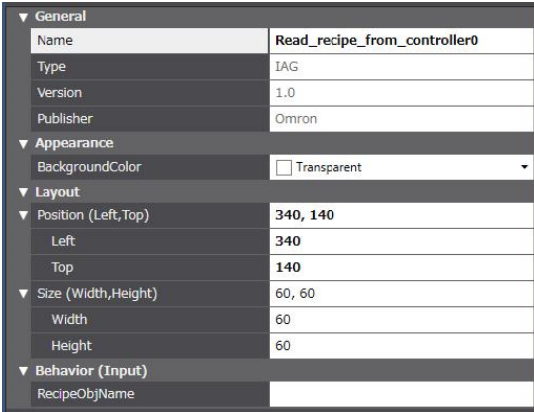
- External specification

Object name	Read_recipe_from_controller
Category	IAG_Recipe
Description	Reads the recipe data selected in the recipe viewer from the applicable variable.
Features	The variable name and controller read from are specified in the template.
Graphic expression	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> Not pressed:  </div> <div style="display: flex; align-items: center;"> Pressed:  </div> </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Read_recipe_from_controller0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)

Properties screen



General	
Name	Read_recipe_from_controller0
Type	IAG
Version	1.0
Publisher	Omron
Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
Layout	
▼ Position (Left,Top)	340, 140
Left	340
Top	140
▼ Size (Width,Height)	60, 60
Width	60
Height	60
Behavior (Input)	
RecipeObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .
-



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



10 Data Log Control IAG

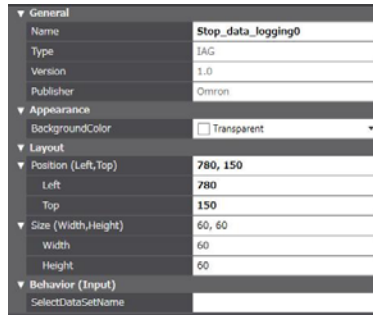
10-1 Stop Data Logging

- External specification

Object name	Stop_data_logging
Category	IAG_Trend
Description	Stops data logging to the specified data set.
Features	Stops acquiring data and stops drawing the trend graph.
Graphic expression	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> Not pressed:  </div> <div style="display: flex; align-items: center;"> Pressed:  </div> </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Stop_data_logging0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
SelectDataSetName	Specifies the name of the data set for logging.	Direct input	Character string (String) *3	(Blank)
Properties screen				



- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "SelectDataSetName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



10-2 Start Data Logging

● External specification

Object name	Start_data_logging
Category	IAG_Trend
Description	Starts data logging of the specified data set.
Features	Starts acquiring data and starts drawing the trend graph.
Graphic expression	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> Not pressed:  </div> <div style="display: flex; align-items: center;"> Pressed:  </div> </div>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Start_data_logging0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
SelectDataSetName	Specifies the name of the data set for logging.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Start_data_logging0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	670
Top	140
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
SelectDataSetName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "SelectDataSetName " property.

A build error will occur if not entered.

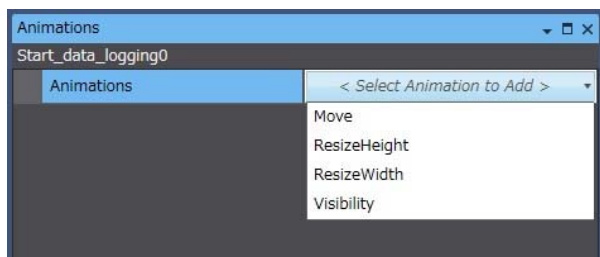
- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



10-3 Clear Logged Data

● External specification

Object name	Clear_datalog_buffer
Category	IAG_Trend
Description	Deletes the logged data of the specified data set from non-volatile memory and clears the display.
Features	Deletes the logged data of the data set specified in SelectDataSetName. Logged data exported to a CSV file is not deleted.
Graphic expression	Not pressed: 
	Pressed: 

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Clear_datalog_buffer0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
SelectDataSetName	Specifies the name of the data set for logging.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Clear_datalog_buffer0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
	120, 110
Left	120
Top	110
▼ Size (Width,Height)	
	60, 60
Width	60
Height	60
▼ Behavior (Input)	
SelectDataSetName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning on the page as an object, you must enter the "SelectDataSetName " property.

A build error will occur if not entered.

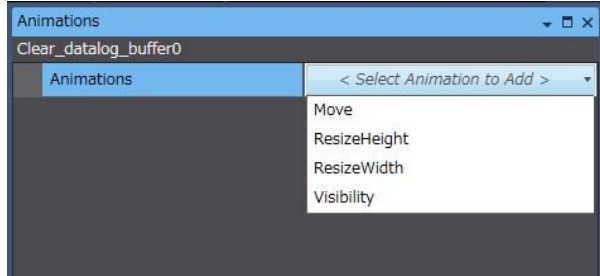
- Event and action

There are no event and action functions.

- Animation



You can define the basic animation action.

For details, refer to "Animations".



10-4 Write to File

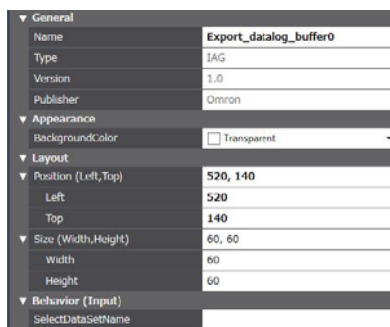
● External specification

Object name	Export_datalog_buffer
Category	IAG_Trend
Description	Saves the data that is saved in non-volatile memory to a file in external storage.
Features	The location to which the file is exported is the location specified in the "Save to" setting of the data set.
Graphic expression	Not pressed: 
	Pressed: 

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Export_datalog_buffer0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
SelectDataSetName	Specifies the name of the data set for logging.	Direct input	Character string (String) *3	(Blank)

Properties screen



*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "SelectDataSetName" property.

A build error will occur if not entered.

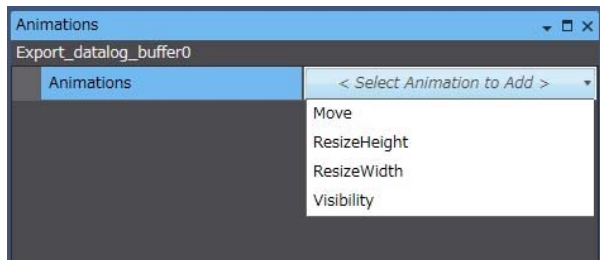
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11 Trend Graph Control IAG

11-1 Scroll Right

- External specification

Object name	Trend_ScrollForward
Category	IAG_Trend
Description	Scrolls the trend graph to the right (toward most recent data).
Features	Scrolls the trend graph specified in TrendObjName to the right.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_ScrollForward0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Trend_ScrollForward0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	410
Top	480
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	

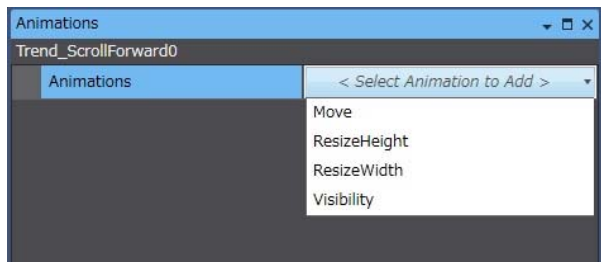
- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".

Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.



- Event and action
There are no event and action functions.
- Animation
You can define the basic animation action.
For details, refer to "Animations".



11.Trend Graph Control IAG

11-2 Scroll Left

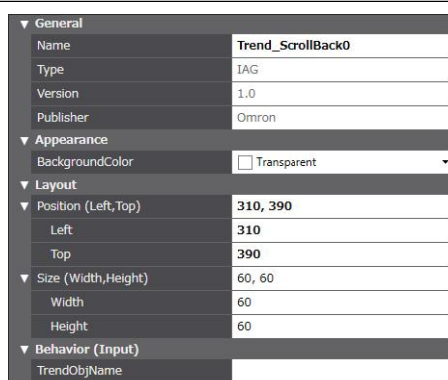
● External specification

Object name	Trend_ScrollBack
Category	IAG_Trend
Description	Scrolls the trend graph to the left (toward oldest data).
Features	Scrolls the trend graph specified in TrendObjName to the left.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_ScrollBack0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)

Properties screen



General	
Name	Trend_ScrollBack0
Type	IAG
Version	1.0
Publisher	Omron
Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
Layout	
▼ Position (Left,Top)	310, 390
Left	310
Top	390
▼ Size (Width,Height)	60, 60
Width	60
Height	60
Behavior (Input)	
TrendObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .
-



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

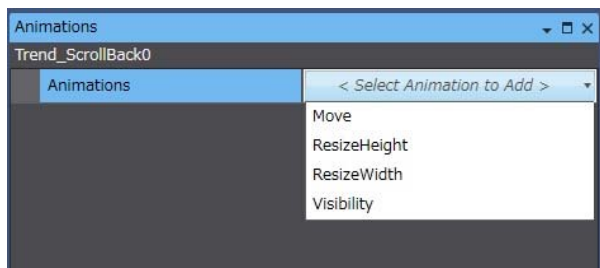
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-3 Scroll to Start Position

- External specification

Object name	Trend_ScrollStart
Category	IAG_Trend
Description	Scrolls the trend graph back to the logging start position.
Features	Scrolls the trend graph specified in TrendObjName to the logging start position.
Graphic expression	Not pressed: 
	Pressed: 

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_scrollStart0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Trend_ScrollStart0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼Position (Left,Top)	310, 560
Left	310
Top	560
▼Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-4 Scroll to End Position

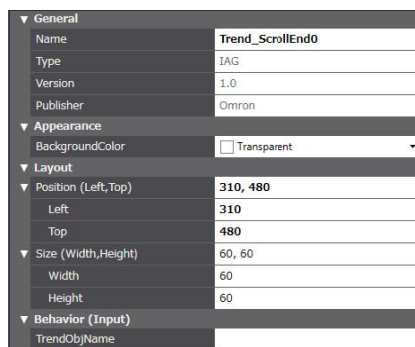
- External specification

Object name	Trend_ScrollEnd
Category	IAG_Trend
Description	Scrolls the trend graph to the most recent logging data position.
Features	Scrolls the trend graph specified in TrendObjName to the most recent logging position.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_ScrollEnd0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)

Properties screen



▼ General	
Name	Trend_ScrollEnd0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	310, 480
Left	310
Top	480
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

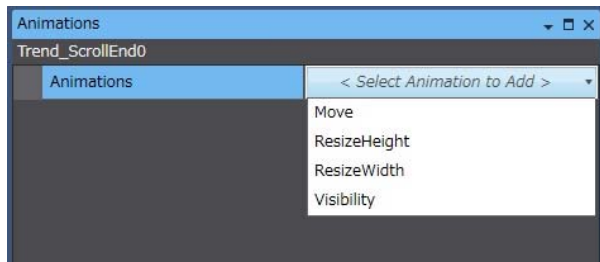
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

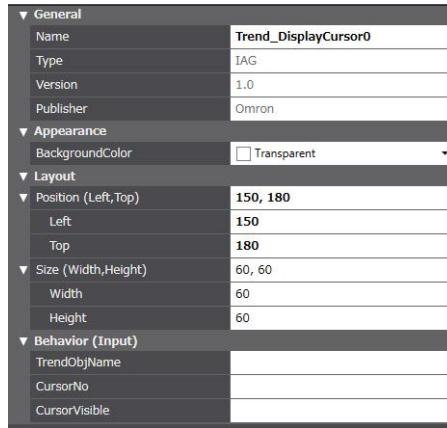
11-5 Show/Hide Cursor

- External specification

Object name	Trend_DisplayCursor
Category	IAG_Trend
Description	Shows/hides the specified cursor.
Features	Shows the cursor specified in the properties.
Graphic expression	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> Not pressed:  </div> <div style="display: flex; align-items: center;"> Pressed:  </div> </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_DisplayCursor0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)
CursorNo	Specified show/hide cursor number *4	Direct input	Numerical (Integer)	(Blank)
CursorVisible	Specifies cursor show/hide *5	Direct input	Numerical (Boolean)	(Blank)
Properties screen				



- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. Select 1, 2, or 3
 - 1: Show Cursor 1 only
 - 2: Show Cursor 2 only
 - 3: Show both Cursor 1 and Cursor 2
- *5. Specify a Boolean variable.
 - When the Boolean variable is "True", the cursor is shown. When "False", the cursor is hidden.
 - "0" or "1" can be entered instead of "True" or "False".
 - "0" is the equivalent of "False", and "1" is the equivalent of "True".

Additional Information

When positioning on the page as an object, you must enter the "TrendObjName", "CursorNo", and "CursorVisible" properties.
A build error will occur if not entered.

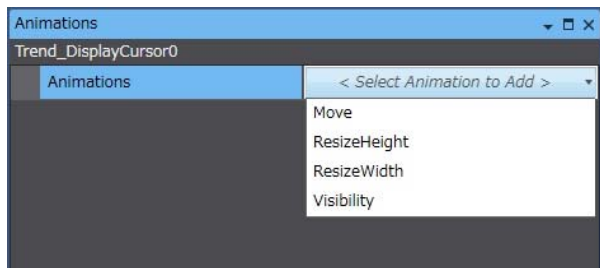
● Event and action

There are no event and action functions.

● Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-6 Show/Hide Cursor 1

● External specification

Object name	Trend_DisplayCursor1
Category	IAG_Trend
Description	Shows/hides cursor 1.
Features	The specified cursor is fixed at Cursor 1.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_DisplayCursor10
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)
CursorVisible	Specifies cursor show/hide *4	Direct input	Numerical (Boolean)	(Blank)
Properties screen				

▼ General	
Name	Trend_DisplayCursor10
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	250
Top	180
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	
CursorVisible	

- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
 - *4. Specify a Boolean variable.
- When the Boolean variable is "True", the cursor is shown. When "False", the cursor is hidden.
 "0" or "1" can be entered instead of "True" or "False".
 "0" is the equivalent of "False", and "1" is the equivalent of "True".

Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

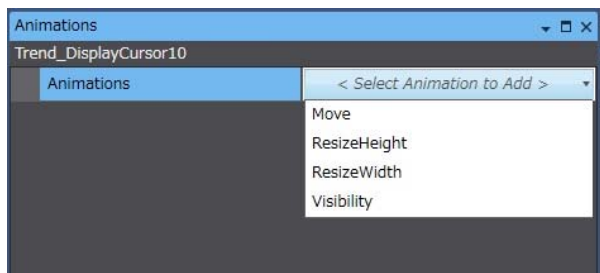
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-7 Show/Hide Cursor 2

- External specification

Object name	Trend_DisplayCursor2
Category	IAG_Trend
Description	Shows/hides cursor 2.
Features	The specified cursor is fixed at Cursor 2.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_DisplayCursor20
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)
CursorVisible	Specifies cursor show/hide *4	Direct input	Numerical (Boolean)	(Blank)
Properties screen				

▼ General	
Name	Trend_DisplayCursor20
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	370
Top	180
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	
CursorVisible	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. Specify a Boolean variable.
When the Boolean variable is "True", the cursor is shown. When "False", the cursor is hidden.
"0" or "1" can be entered instead of "True" or "False".
"0" is the equivalent of "False", and "1" is the equivalent of "True".



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

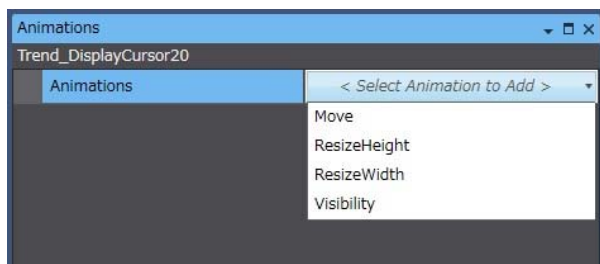
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.







For details, refer to "Animations".



11.Trend Graph Control IAG

11-8 Display Mode

- External specification

Object name	Trend_DisplayModeChange				
Category	IAG_Trend				
Description	Selects the display mode of the specified trend graph object (Analog graph / Digital graph / Both)				
Features	Selects the display mode of the trend graph specified in TrendObjName.				
Graphic expression	<table border="0"> <tr> <td>Not pressed</td> <td></td> </tr> <tr> <td>Pressed</td> <td></td> </tr> </table>	Not pressed		Pressed	
Not pressed					
Pressed					

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_DisplayModeChange0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)
DisplayMode	Specifies the trend graph display mode *4	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Trend_DisplayModeChange0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	470
Top	180
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	
DisplayMode	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. Specify an Integer variable. Enter one of the values below to select the display mode.
 Select 0, 1, or 2
 0: Analog only
 1: Digital only
 2: Both



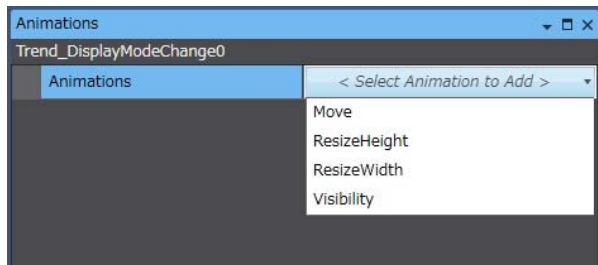
Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

- Event and action
There are no event and action functions.



- Animation
You can define the basic animation action.
For details, refer to "Animations".



11.Trend Graph Control IAG

11-9 Show Analog

- External specification

Object name	set_trend_display_mode_analog
Category	IAG_Trend
Description	Shows only the analog data of the specified trend graph object.
Features	Shows only the analog (numerical) data of the trend graph specified in TrendObjName.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	set_trend_display_mode_analog0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Set_trend_display_mode_analog0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	150, 80
Left	150
Top	80
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

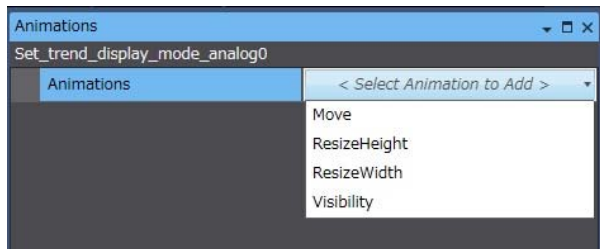
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-10 Show Digital

- External specification

Object name	set_trend_display_mode_digital
Category	IAG_Trend
Description	Shows only the digital data of the specified trend graph object.
Features	Shows only the digital (Boolean) data of the trend graph specified in TrendObjName.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	set_trend_display_mode_digital0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Set_trend_display_mode_digital0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="text" value="Transparent"/>
▼ Layout	
▼ Position (Left, Top)	370, 70
Left	370
Top	70
▼ Size (Width, Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	<input type="text"/>

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

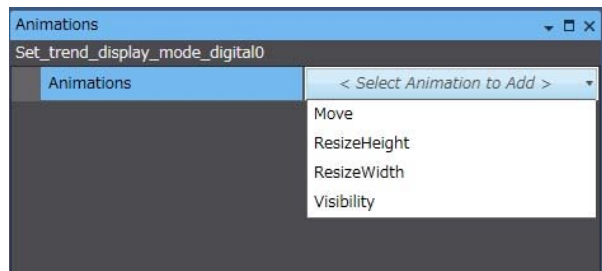
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-11 Show Both Analog and Digital

- External specification

Object name	set_trend_display_mode_both
Category	IAG_Trend
Description	Selects the display mode of the trend graph.
Features	Shows both the analog graph and the digital graph.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed</div>  </div>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	set_trend_display_mode_both0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Set_trend_display_mode_both0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	260, 70
Left	260
Top	70
▼ Size (Width,Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .
-



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

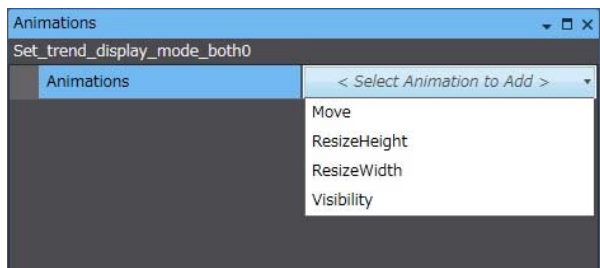
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-12 Zoom-in

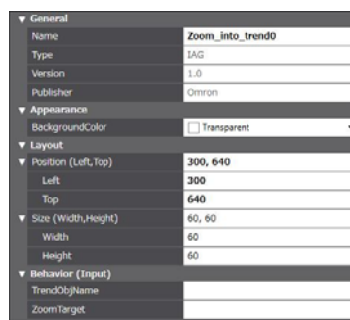
- External specification

Object name	zoom_into_trend
Category	IAG_Trend
Description	Magnifies the view of the specified trend graph, centered at the center of the display.
Features	Only effective for trend graph objects. The zoom-in direction can be specified in the properties. (X-axis only, Y-axis only, Both X- and Y- axes)
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	zoom_into_trend0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String)*3	(Blank)
ZoomTarget	Specifies the zoom-in direction *4	Direct input	Numerical (Integer)	(Blank)

Properties screen



-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .
 - *4. Specify an Integer variable. Enter one of the values below to select the zoom-in setting.
Select 0, 1, or 2
0: Both Zoom-in both X- and Y-axes
1: X-axis Zoom-in X-axis
2: Y-axis Zoom-in Y-axis
-



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" and "ZoomTarget" properties.

A build error will occur if not entered.

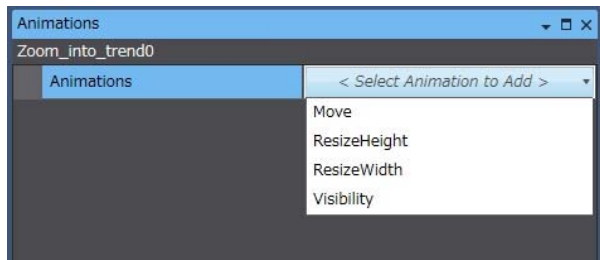
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-13 Zoom-out

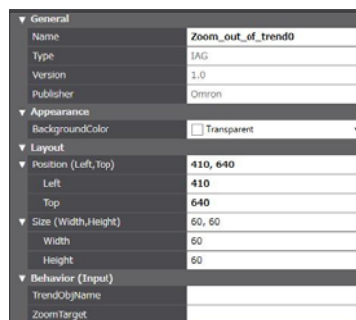
● External specification

Object name	zoom_out_trend
Category	IAG_Trend
Description	Reduces the view of the specified trend graph, centered at the center of the display.
Features	Only effective for trend graph objects. The zoom-out direction can be specified in the properties. (X-axis only, Y-axis only, Both X- and Y- axes)
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	zoom_out_of_trend0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String)3	(Blank)
ZoomTarget	Specifies the zoom-out direction *4	Direct input	Numerical (Integer)	(Blank)

Properties screen



11.Trend Graph Control IAG

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .
 - *4. Specify an Integer variable. Enter one of the values below to select the zoom-out setting.
Select 0, 1, or 2
0: Both Zoom-out both X- and Y-axes
1: X-axis Zoom-out X-axis
2: Y-axis Zoom-out Y-axis
-



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" and "ZoomTarget" properties.

A build error will occur if not entered.

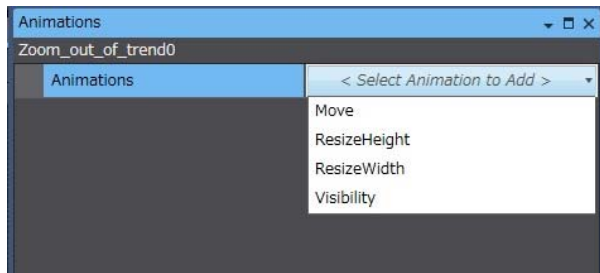
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-14 Scroll Up

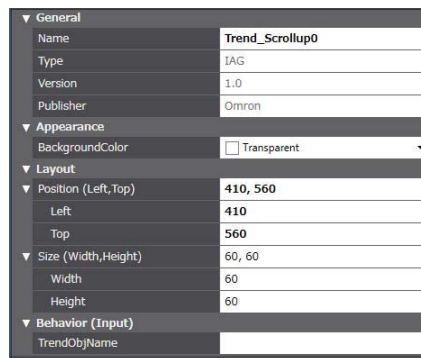
● External specification

Object name	Trend_Scrollup
Category	IAG_Trend
Description	Scrolls the specified trend graph one page up.
Features	Only effective when the view is magnified.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_Scrollup0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String)*3	(Blank)

Properties screen



*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

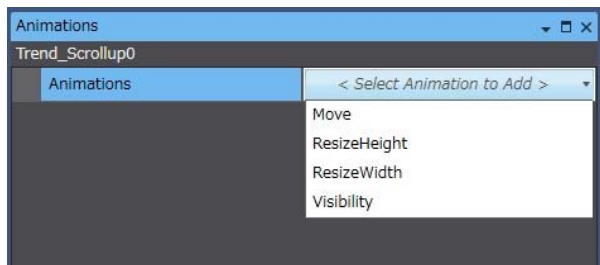
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



11.Trend Graph Control IAG

11-15 Scroll Down

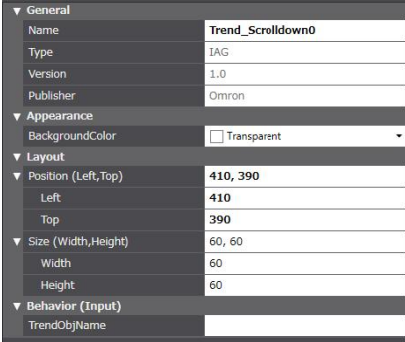
- External specification

Object name	Trend_Scrolldown
Category	IAG_Trend
Description	Scrolls the specified trend graph one page down.
Features	Only effective when the view is magnified.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_Scrolldown0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String)*3	(Blank)

Properties screen



▼ General	
Name	Trend_Scrolldown0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	Transparent
▼ Layout	
▼ Position (Left, Top)	410, 390
Left	410
Top	390
▼ Size (Width, Height)	60, 60
Width	60
Height	60
▼ Behavior (Input)	
TrendObjName	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.

A build error will occur if not entered.

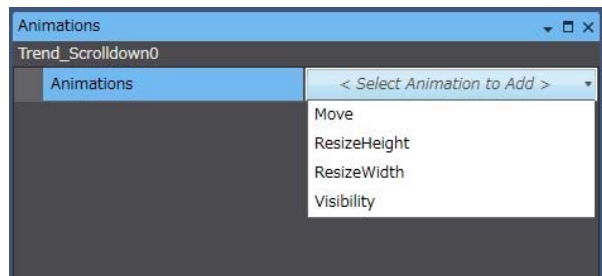
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.



For details, refer to "Animations".



12 Document Viewer Control IAG

12-1 Show Document

- External specification

Object name	Show_document
Category	IAG_Document
Description	Displays a specified document at a specified size (length and width).
Features	Specifies the document display position and size using four Integer variables.
Graphic expression	<p>Not pressed: </p> <p>Pressed: </p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	show_document0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
DocumentResourceID	Specifies the document ID *3	Direct input	Character string (String) *4	(Blank)
Top_Position	Specifies the document display position (Y-axis) *2, *5	Direct input	Numerical (Integer)	(Blank)
Left_Position	Specifies the document display position (X-axis) *2, *5	Direct input	Numerical (Integer)	(Blank)
Size_Width	Specifies the document width *6	Direct input	Numerical (Integer)	(Blank)
Size_Height	Specifies the document height *6	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Show_document0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Position	440, 330
Left	440
Top	330
▼ Size (Width,Height)	
Size	60, 60
Width	60
Height	60
▼ Behavior (Input)	
DocumentResourceID	
Top_Position	
Left_Position	
Size_Width	
Size_Height	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. Enter the ID of the document registered in the resources.
Example: Document0
- *4. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *5. Specify the coordinates of the top and left of the document viewer object.
Specify a Y-axis coordinate in Top_Position.
Specify an X-axis coordinate in Left_Position.
- *6. Specify the display size of the document viewer object. Only positive values are valid.
Specify the width of the object in Size_Width.
Specify the height of the object in Size_Height.



Additional Information

When positioning on the page as an object, you must enter the "DocumentResourceID", "Top_Position", "Left_Position", "Size_Width", and "Size_Height" properties.

A build error will occur if not entered.

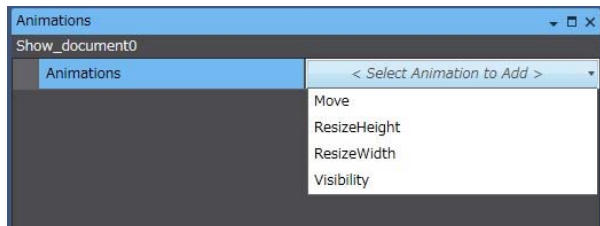
● Event and action

There are no event and action functions.

● Animation



You can define the basic animation action.

For details, refer to "Animations".



12-2 Show Document (Full Screen)

● External specification

Object name	show_document_full_screen
Category	IAG_Document
Description	Displays the specified document in full-screen mode.
Features	The view is fixed at full-screen.
Graphic expression	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Not pressed:</div>  </div> <hr/> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Pressed:</div>  </div>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	show_document_full_s creen0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(60, 60)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	60
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	60
Behavior (Input)				
DocResource	Specifies the document ID *3	Direct specification	Character string (String) *4	(Blank)

Properties screen

▼ General	
Name	Show_document_full_screen0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	280
Top	330
▼ Size (Width,Height)	
Width	60
Height	60
▼ Behavior (Input)	
DocResource	

-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. Enter the ID of the document registered in the resources.
Example: Document0
 - *4. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "DocResource" property.

A build error will occur if not entered.

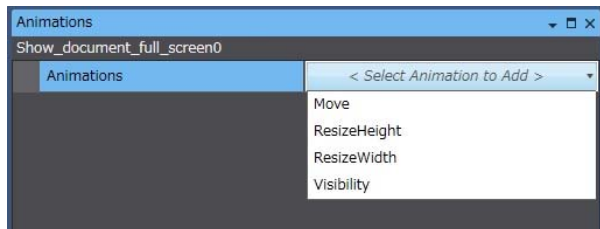
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13 Compound IAG Objects

13-1 Alarm Control Compound Object

- External specification

Object name	Alarm_composition_all
Category	IAG_Alarm
Description	[Clear Alarm Log] [Check Selected Alarm] [Check All Alarms] Compound IAG consisting of three objects.
Features	Easy customization such as adding, deleting, and moving buttons.
Graphic expression	 <p>Not pressed</p> <p>Press_[Clear Alarm Log]: Display/function of each button is same as a single button.</p> <p>Press_[Check Selected Alarm]: Display/function of each button is same as a single button.</p> <p>Press_[Check All Alarms]: Display/function of each button is same as a single button.</p>

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Alarm_composition_all 0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(213, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	213
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	66
Behavior (Input)				
AlarmObjectName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	Alarm_composition_all0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	360
Top	50
▼ Size (Width,Height)	
Width	212
Height	66
▼ Behavior (Input)	
AlarmObjName	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "AlarmObjectName" property.

A build error will occur if not entered.

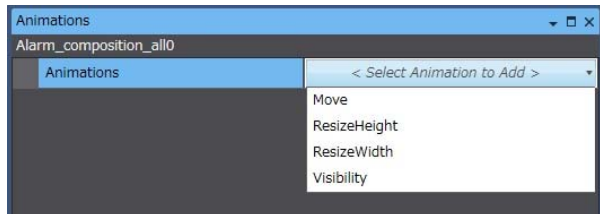
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13.Compound IAG Objects

13-2 Alarm Viewer Control Compound Object

- External specification

Object name	Scroll_composition_all						
Category	IAG_Alarm						
Description	Compound IAG consisting of six objects: [Return to Top], [Scroll Up by Specified Number of Lines], [Scroll Up One Line], [Scroll Down One Line], [Scroll Down by Specified Number of Lines], [Go to End]						
Features	Enables entry of fewer properties than with individual placement of objects. (Two properties as opposed to eight properties) Easy customization such as adding, deleting, and moving buttons.						
Graphic expression	Not pressed	Pressed: Scroll Up One Line	Pressed: Scroll Down One Line	Pressed: Scroll Up by Specified Number of Lines	Pressed: Scroll Down by Specified Number of Lines	Pressed: Return to Top	Pressed: Go to End
			Display/function of each button is same as a single button.				

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Scroll_composition_all0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(66, 386)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	66

13.Compound IAG Objects

Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	273
Behavior (Input)				
AlarmObjectName	Specifies the alarm viewer object name.	Direct input	Character string (String) *3	(Blank)
ViewScrollAmount	Specifies the number of alarm scroll lines	Direct input	Numerical (Integer)	(Blank)

Properties screen

▼ General	
Name	Scroll_composition_all0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	30
Top	130
▼ Size (Width,Height)	
Width	66
Height	386
▼ Behavior (Input)	
AlarmObjName	
ViewerScrollAmount	

*1. "Transparent" indicates that the color is transparent.

*2. The coordinate origin is the upper-left corner of the NA-series PT screen.

*3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".



Additional Information

When positioning on the page as an object, you must enter the "AlarmObjectName" and "ViewScrollAmount" properties.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13.Compound IAG Objects

13-3 Media Player Compound Object

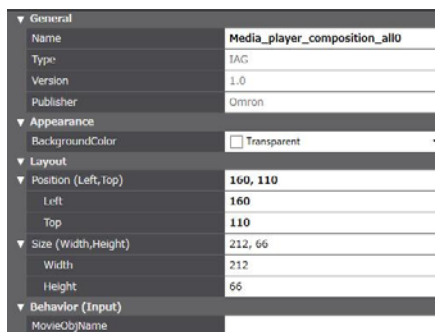
- External specification

Object name	Media_player_composition_all
Category	IAG_Movie
Description	[Stop] [Play] [Pause] Compound IAG consisting of three objects.
Features	Easy customization such as adding, deleting, and moving buttons.
Graphic expression	Not pressed: 
	Press_[Play]: Display/function of each button is same as a single button.
	Press_[Pause]: Display/function of each button is same as a single button.
	Press_[Stop]: Display/function of each button is same as a single button.

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Media_player_composition_all0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(212, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	212
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	66
Behavior (Input)				
MovieObjName	Specifies the media player object name.	Direct input	Character string (String) *3	(Blank)

Properties screen



-
- *1. "Transparent" indicates that the color is transparent.
 - *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
 - *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
-



Additional Information

When positioning on the page as an object, you must enter the "MovieObjName" property.

A build error will occur if not entered.

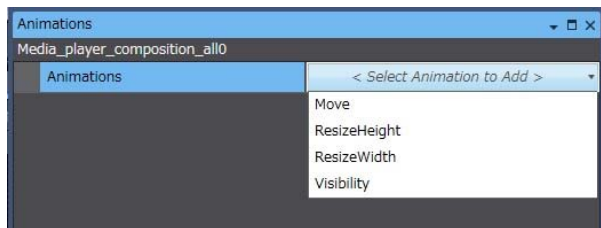
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13.Compound IAG Objects

13-4 Recipe Control Compound Object

● External specification

Object name	RecipeComposition
Category	IAG_Recipe
Description	Compound IAG consisting of eight objects: [Add Record] [Save] [Save As] [Delete] [Import] [Export] [Read from Controller] [Write to Controller]
Features	Easy customization such as adding, deleting, and moving buttons.
Graphic expression	<p>Not pressed: </p> <p>Press_[Add Record]: Display/function of each button is same as a single button.</p> <p>Press_[Save]: Display/function of each button is same as a single button.</p> <p>Press_[Save As]: Display/function of each button is same as a single button.</p> <p>Press_[Delete]: Display/function of each button is same as a single button.</p> <p>Press_[Import]: Display/function of each button is same as a single button.</p> <p>Press_[Export]: Display/function of each button is same as a single button.</p> <p>Press_[Read from Controller]: Display/function of each button is same as a single button.</p> <p>Press_[Write to Controller]: Display/function of each button is same as a single button.</p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	RecipeComposition0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(509, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	509
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	66
Behavior (Input)				
RecipeObjName	Specifies the recipe viewer object name.	Direct input	Character string (String) *3	(Blank)
PathAndFileName	File path and file name *4	Direct input	Character string (String) *3	(Blank)
NewInstanceName	Specifies Add/New instance name	Direct input	Character string (String) *3	(Blank)

Properties screen

▼ General	
Name	RecipeComposition0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	100
Top	580
▼ Size (Width,Height)	
Width	509
Height	66
▼ Behavior (Input)	
RecipeObjName	
PathAndFileName	
NewInstanceName	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. The import file path and file name are as follows:
 File path_SD card: \SDCard\Folder name\File name
 _USB memory: \USBDisk\Folder name\File name
 Example: SDCard\Recipe0.csv: Specifies "Recipe.csv" file in root directory of SD card



Additional Information

When positioning on the page as an object, you must enter the "RecipeObjName", "PathAndFileName", and "NewInstanceName" properties.
 A build error will occur if not entered.

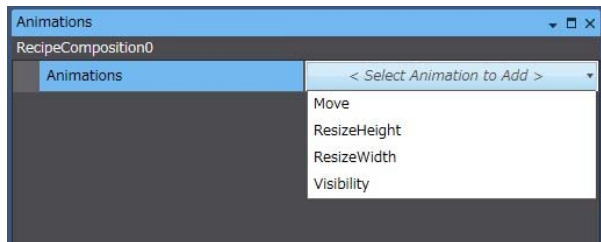
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13.Compound IAG Objects

13-5 Data Logging Compound Object

● External specification

Object name	Datalog_composition
Category	IAG_Trend
Description	[Start Data Logging] [Stop Data Logging] [Clear Logged Data] [Save Logged Data] Compound IAG consisting of four objects.
Features	Easy customization such as adding, deleting, and moving buttons.
Graphic expression	Not pressed: 
	Press_[Start Data Logging]: Display/function of each button is same as a single button.
	Press_[Stop Data Logging]: Display/function of each button is same as a single button.
	Press_[Clear Logged Data]: Display/function of each button is same as a single button.
	Press_[Save Logged Data]: Display/function of each button is same as a single button.

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Datalog_composition0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(277, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	277
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	66
Behavior (Input)				
SelectDataSetName	Specifies the name of the data set for logging.	Direct input	Character string (String) *3	(Blank)
Properties screen				

▼ General	
Name	Datalog_composition0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	200
Top	120
▼ Size (Width,Height)	
Width	277
Height	66
▼ Behavior (Input)	
SelectDataSetName	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " " .



Additional Information

When positioning on the page as an object, you must enter the "SelectDataSetName " property.

A build error will occur if not entered.

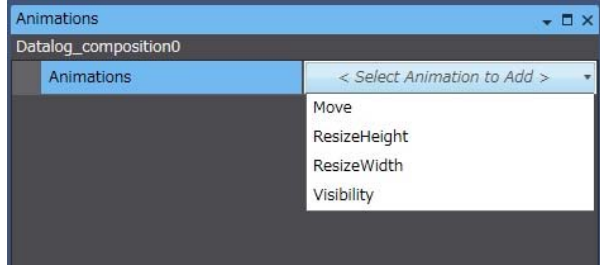
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13.Compound IAG Objects

13-6 Trend Graph Control (Horizontal Axis) Compound Object

● External specification

Object name	Trend_graph_composition_all
Category	IAG_Trend
Description	[Scroll to Start Position] [Scroll Left] [Scroll Right] [Scroll to End Position] [Show/Hide Cursor 1] [Show/Hide Cursor 2] [Show/Hide Analog] [Show/Hide Digital] Compound IAG consisting of eight objects.
Features	Easy customization such as adding, deleting, and moving buttons.
Graphic expression	<p>Not pressed: </p> <p>Press_[Scroll to Start Position]: Display/function of each button is same as a single button.</p> <p>Press_[Scroll Left]: Display/function of each button is same as a single button.</p> <p>Press_[Scroll Right]: Display/function of each button is same as a single button.</p> <p>Press_[Scroll to End Position]: Display/function of each button is same as a single button.</p> <p>Press_[Show/Hide Cursor 1]: Display/function of each button is same as a single button.</p> <p>Press_[Show/Hide Cursor 2]: Display/function of each button is same as a single button.</p> <p>Press_[Show/Hide Analog]: Display/function of each button is same as a single button.</p> <p>Press_[Show/Hide Digital]: Display/function of each button is same as a single button.</p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_graph_composition_all0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼ Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼ Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(393, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	393
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	66
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String)*3	(Blank)
CursorNo	Specified show/hide cursor number *4	Direct input	Numerical (Integer)	(Blank)
CursorVisible	Specifies cursor show/hide *5	Direct input	Numerical (Boolean)	(Blank)
DisplayMode	Specifies the trend graph display mode *6	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Trend_graph_composition_all0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	140
Top	280
▼ Size (Width,Height)	
Width	393
Height	66
▼ Behavior (Input)	
TrendObjName	
CursorNo	
CursorVisible	
DisplayMode	

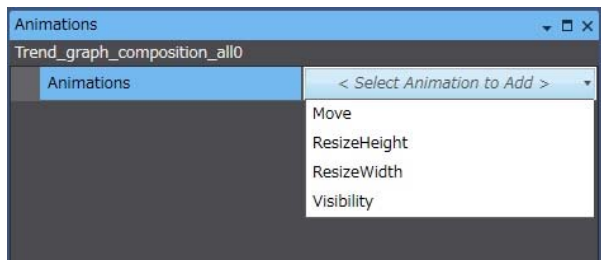
- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. Select 1, 2, or 3
 - 1: Show Cursor 1 only
 - 2: Show Cursor 2 only
 - 3: Show both Cursor 1 and Cursor 2
- *5. Specify a Boolean variable.
 - When the Boolean variable is "True", the cursor is shown. When "False", the cursor is hidden.
 - "0" or "1" can be entered instead of "True" or "False".
 - "0" is the equivalent of "False", and "1" is the equivalent of "True".
- *6. Specify an Integer variable. Enter one of the values below to select the display mode.
 - Select 0, 1, or 2
 - 0: Analog only
 - 1: Digital only
 - 2: Both



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" property.
A build error will occur if not entered.


- Event and action
 - There are no event and action functions.
- Animation
 - You can define the basic animation action.
 - For details, refer to "Animations".



13.Compound IAG Objects

13-7 Trend Graph Control (Vertical Axis) Compound Object

- External specification

Object name	Trend_graph_composition_all2				
Category	IAG_Trend				
Description	[Scroll Up] [Scroll Down] [Zoom In] [Zoom Out] Compound IAG consisting of four objects.				
Features	Enables entry of fewer properties than with individual placement of objects. (Two properties as opposed to eight properties) Easy customization such as adding, deleting, and moving buttons.				
Graphic expression	Not pressed	Pressed: Scroll Up	Pressed: Scroll Down	Pressed: Zoom In	Pressed: Zoom Out
	 <p>Display/function of each button is same as a single button.</p>				

- Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	Trend_graph_composition_all20
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(273, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	66
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	273
Behavior (Input)				
TrendObjName	Specifies the trend graph object name.	Direct input	Character string (String) *3	(Blank)
ZoomTarget	Specifies the zoom-in direction *4	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Trend_graph_composition_all20
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	140
Top	390
▼ Size (Width,Height)	
Width	66
Height	277
▼ Behavior (Input)	
TrendObjName	
ZoomTarget	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *4. Specify an Integer variable. Enter one of the values below to select the zoom-in setting.
 Select 0, 1, or 2
 0: Both Zoom-in both X- and Y-axes
 1: X-axis Zoom-in X-axis
 2: Y-axis Zoom-in Y-axis



Additional Information

When positioning on the page as an object, you must enter the "TrendObjName" and "ZoomTarget" properties.

A build error will occur if not entered.

- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.


For details, refer to "Animations".



13.Compound IAG Objects

13-8 Show Document Compound Object

● External specification

Object name	document_viewer_composition_all
Category	IAG_Document
Description	[Show Document] [Show Document (Full Screen)] Compound IAG consisting of two objects.
Features	Easy customization such as adding, deleting, and moving buttons.
Graphic expression	<div style="text-align: center;">  </div> <p>Not pressed</p> <p>Press_[Show Document]: Display/function of each button is same as a single button.</p> <p>Press_[Show Document (Full Screen)]: Display/function of each button is same as a single button.</p>

● Properties

Property	Description	Input method	Range	Default
General				
Name	Specifies the object name. The name must be unique in that screen.	Direct input	String (1 to 127 characters)	document_viewer_composition_all0
Type	Specifies the object type. This item cannot be changed.	---	---	IAG
Version	Specifies the version of the IAG.	---	---	1.14A
Publisher	Specifies the IAG publisher.	---	---	Omron
Appearance				
BackgroundColor	Specifies the background color of the page.	Item selection Direct input	Color palette String	Transparent *1
Layout				
▼Position (Left, Top)	Specifies the position of the object on the page.* 2	Direct input Spin button	Numerical Numerical	---
Left	Specifies the horizontal page coordinate (x-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
Top	Specifies the vertical page coordinate (y-axis) of the position of the top-left of the object.	Direct input Spin button	Numerical Numerical	---
▼Size (Width, Height)	Specifies the size of the object.	Direct input Spin button	Numerical Numerical	(273, 66)
Width	Specifies the object width.	Direct input Spin button	Numerical Numerical	273
Height	Specifies the object height.	Direct input Spin button	Numerical Numerical	66
Behavior (Input)				
DocumentResourceID	Specifies the document ID *3	Direct input	Character string (String) *4	(Blank)
Top_Position	Specifies the document display position (Y-axis) *2, *5	Direct input	Numerical (Integer)	(Blank)
Left_Position	Specifies the document display position (X-axis) *2, *5	Direct input	Numerical (Integer)	(Blank)
Size_Width	Specifies the document width *6	Direct input	Numerical (Integer)	(Blank)
Size_Height	Specifies the document height *6	Direct input	Numerical (Integer)	(Blank)
Properties screen				

▼ General	
Name	Document_viewer_composition_all0
Type	IAG
Version	1.0
Publisher	Omron
▼ Appearance	
BackgroundColor	<input type="checkbox"/> Transparent
▼ Layout	
▼ Position (Left,Top)	
Left	300
Top	220
▼ Size (Width,Height)	
Width	161
Height	66
▼ Behavior (Input)	
DocumentResourceID	
Top_Position	
Left_Position	
Size_Width	
Size_Height	

- *1. "Transparent" indicates that the color is transparent.
- *2. The coordinate origin is the upper-left corner of the NA-series PT screen.
- *3. Enter the ID of the document registered in the resources.
Example: Document0
- *4. When directly entering a string in a Behavior (Input) property, enclose the string with quotation marks " ".
- *5. Specify the coordinates of the top and left of the document viewer object.
Specify a Y-axis coordinate in Top_Position.
Specify an X-axis coordinate in Left_Position.
- *6. Specify the display size of the document viewer object. Only positive values are valid.
Specify the width of the object in Size_Width.
Specify the height of the object in Size_Height.



Additional Information

When positioning on the page as an object, you must enter the "DocumentResourceID", "Top_Position", "Left_Position", "Size_Width", and "Size_Height" properties.

A build error will occur if not entered.

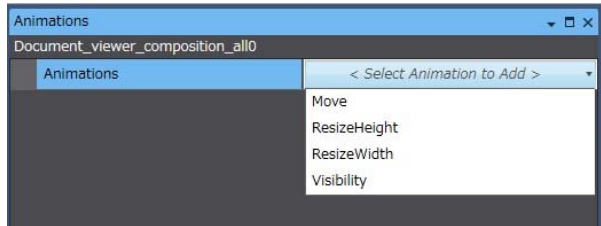
- Event and action

There are no event and action functions.

- Animation

You can define the basic animation action.

For details, refer to "Animations".



14 IAG Specifications

The IAG editor of the Sysmac Studio is used to create an IAG library. For this reason, the functions that can be used vary depending on the NA version supported by the version of the Sysmac Studio used to create the IAG library.


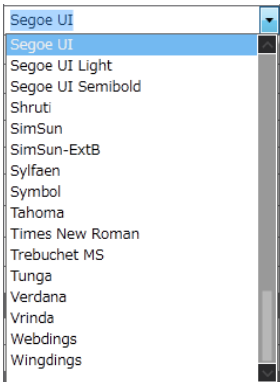
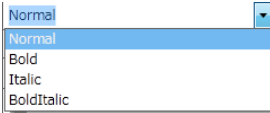
In general the functions are backwardly compatible, which means that an IAG library created using an older NA version can be applied to a newer NA version.

This section explains the limitations that apply with an IAG editor as opposed to a regular NA editor.


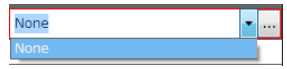
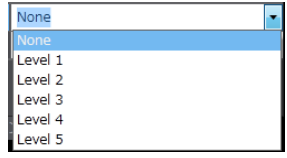


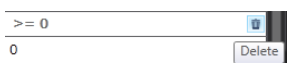
14-1 Property Input Limitations

The methods below can be used to enter properties in the Sysmac Studio (NA).

For details on the input methods, refer to Chapter 15, "How to Use IAG Objects".

Input method	Description	Appearance	Support	
			Standard objects	User-defined properties
Direct input	Entry of numbers and strings.	---	Possible	Possible
Spin button	Entry of numbers. Press ▲ to increment or ▼ to decrement.		Possible	Not possible.
Item selection	Selection of items from a specific I/F. The types below exist.			
Font list	For specification of a font.		Possible	Not possible.
Style list	For specification of a style. The four styles below exist. Normal Bold Italic BoldItalic		Possible	Not possible.


14. IAG Specifications

Input method	Description	Appearance	Support	
			Standard objects	User-defined properties
Item selection	Selection of items from a specific I/F. The types below exist.			
Color palette	For specification of a color		Possible	Not possible.
Resource ID	For specification of the ID of a string, animation, or other entity registered in the resources.		Possible	Not possible.
Level selection	For specification of a security level. All levels set in the security settings are shown by drop-down display.		Possible	Not possible.
Checkboxes	Check or uncheck to select. Use for the settings of Boolean variables.	<input checked="" type="checkbox"/>	Possible	Not possible.
Variable specification	Method for specifying NA global variables. IntelliSense operates. *1	---	Possible	Possible
File specification	Specification of a file in a computer using Internet Explorer.		Possible	Not possible.
Plus button	Use to add data to be referenced.		Possible	Not possible.
Delete button	Use to delete a property that was added with the plus button or by event selection.		Possible	Not possible.

*1. Cannot be used with the IntelliSense function (operates when a resource ID is entered) in the properties of a standard object.

15 How to Use IAG Objects

15-1 Example

As an example, this chapter explains how to position the "Check Selected Alarm" button  included in the IAG library files provided by OMRON on the alarm viewer page of an NA demonstration project file.

IAG library file : OmronStandardIAG_114A_E_AlarmButtons.iag

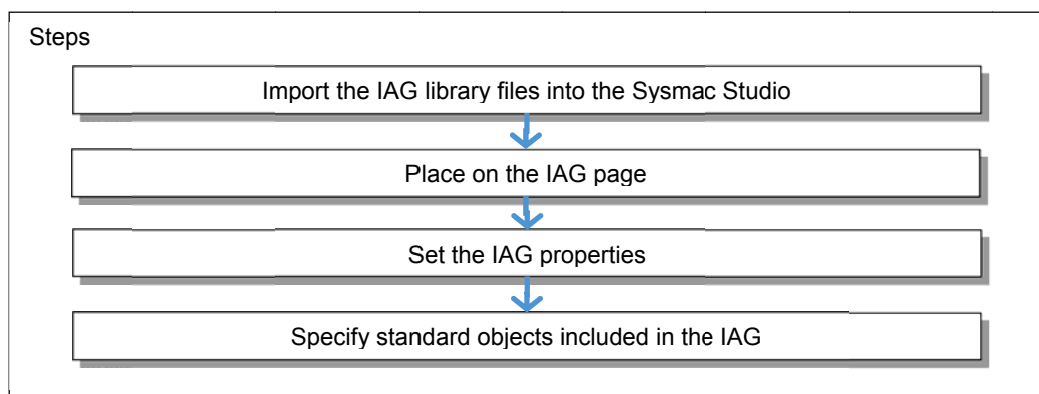
IAG object : "Check Selected Alarm" button ("Acknowledge_the_selected_alarm")

Project file : OmronStandardIAG_114A_E_AlarmButtons.smc2

15-2 Procedure

To use the IAG library, first import the distributed IAG file.

Once the file is imported, you can place the button using the same procedure as a standard object.



Additional Information


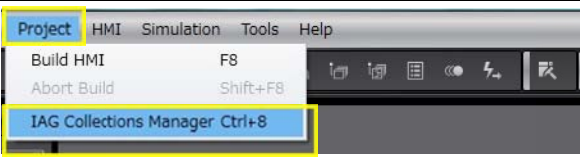
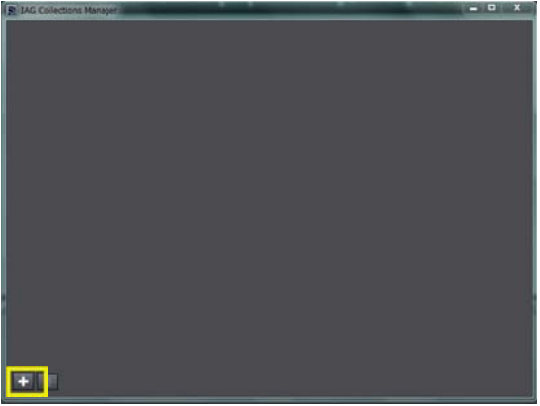
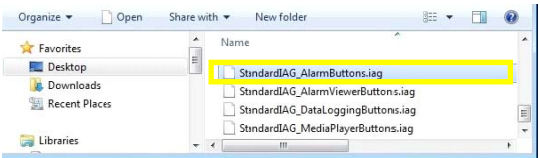

You cannot edit the IAG library using an IAG library file (file extension "iag").

To edit the library, obtain the project files (file extension "smc2") that are the source for the IAG library files, and import into the Sysmac Studio.

Ask your OMRON representative for information on how to obtain the files.

15-3 Importing IAG Library Files Into the Sysmac Studio

To import IAG library files, use IAG Collections Manager.

1. Copy the distributed IAG files to any folder.
In this example, the files are copied to the desktop.
- 
2. Start the Sysmac Studio.
 3. Open the project file that uses the IAG.
 4. Load the IAG file into the Sysmac Studio on this computer.
Click "Project" -> "IAG Collections Manager" to open IAG Collections Manager.
- 
5. The IAG Collections Manager pop-up window opens.
To add the IAG file, click the "+" button in the lower left corner.
- 
6. Select "OmronStandardIAG_114A_E_AlarmButtons.iag" on the desktop and click the "Open" button.
- 
7. "OmronStandardIAG_114A_E_AlarmButtons.iag" is added to IAG Collections Manager.
Make sure the correct file was added, and make sure that a checkmark appears in "Show in Toolbox" at the upper right. *1
- 
8. Close the IAG Collections Manager pop-up window.

15.How to Use IAG Objects



Additional Information

*1. When "Show in Toolbox" is selected, the IAG library appears in the Sysmac Studio toolbox.

Show in Toolbox

9. Make sure the following category is added to the Sysmac Studio toolbox.

•IAG_Alarm

This completes the import procedure.

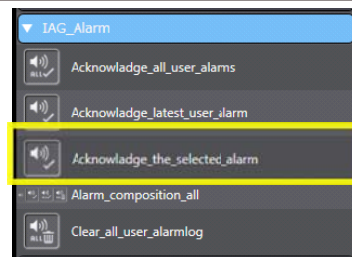


15-4 Placing on the IAG Page

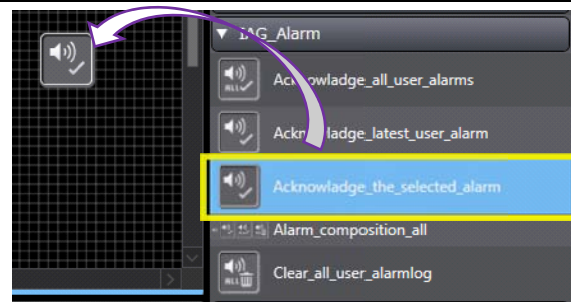
The steps for placement on the IAG page are the same as for a standard object.

1. Click "▶" next to the new "IAG Alarm" in the toolbox to open the categories.

The IAG objects included in the "IAG_Alarm" category appear. Make sure that "Acknowledge_the_selected_alarm" appears.



2. Drag "Acknowledge_the_selected_alarm" to the desired position on the page.



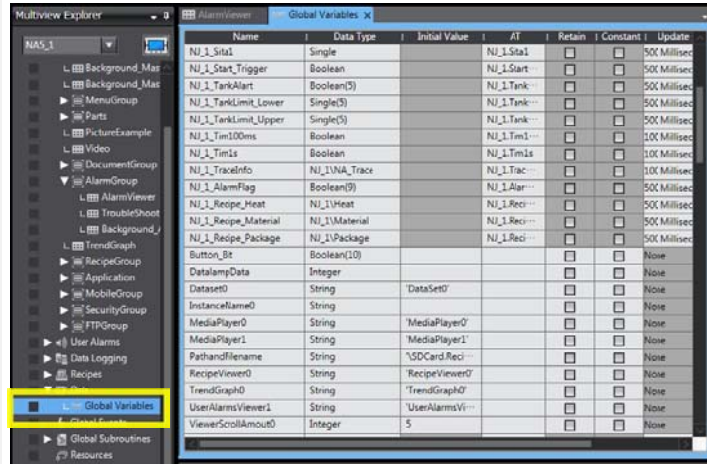
15-5 Setting the IAG Properties (User-Set Properties)

This section explains how to set the properties.

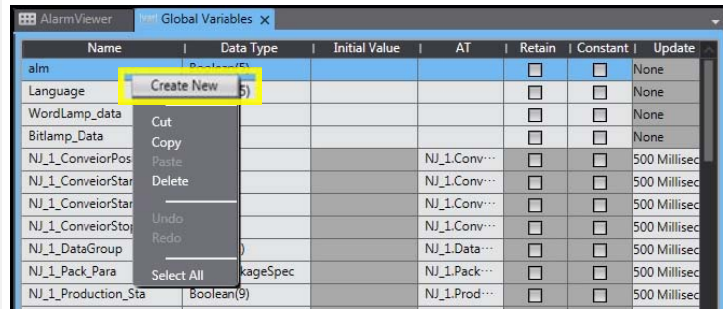
Use either "direct input" or "specify variable" as appropriate for the objective of the IAG.

- How to set the properties (specify variable)

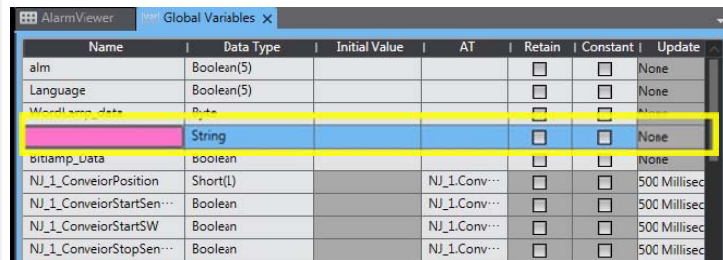
1. Declare the string variable to be allocated in the properties. Double-click "Data" -> "Global Variables" to open the global variable table.



2. Right-click on the global variable table and select "Create New".



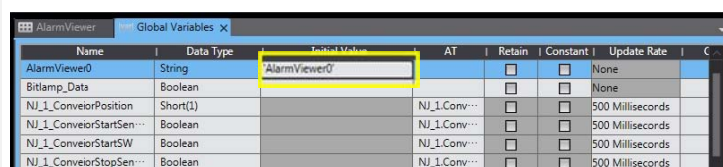
3. Make sure that the global variable has been added.



4. Enter the name and data type. First enter "AlarmViewer0" for the name. Next enter "String" for the data type.



5. Enter the name of the alarm viewer object to be specified as the default setting. Enter "AlarmViewer0" here. *1

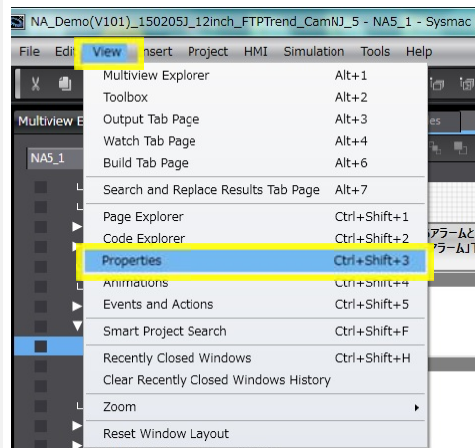


15.How to Use IAG Objects

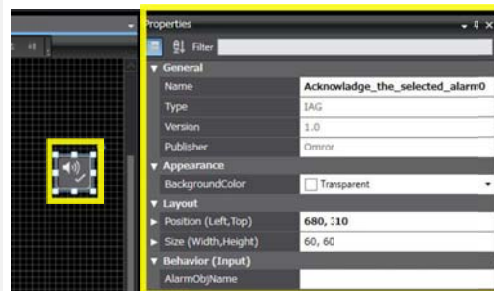
6. When you have finished entering the variable, return to the page on which you placed the IAG object.



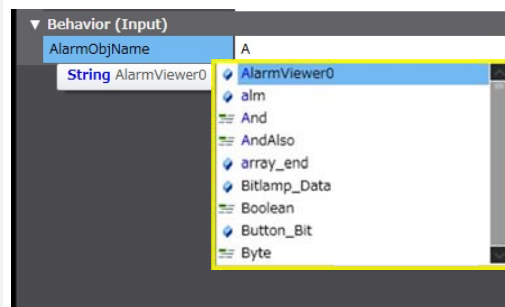
7. Select "View" -> "Properties" in the menu in order to edit the IAG properties.



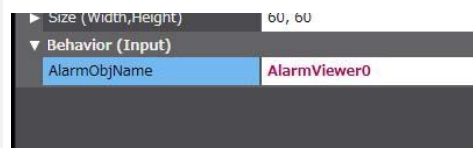
8. The Properties window opens on the right. Click the "Acknowledge_the_selected_alarm" IAG that you placed to show the properties.



9. Click "Behavior (Input)" in the properties ->enter "AlarmViewer0" to be specified to "AlarmObjName". Select [AlarmViewer0].



10. This completes the entry procedure.



*1. When using a string variable to specify the default setting, enclose the string in ' ' marks.

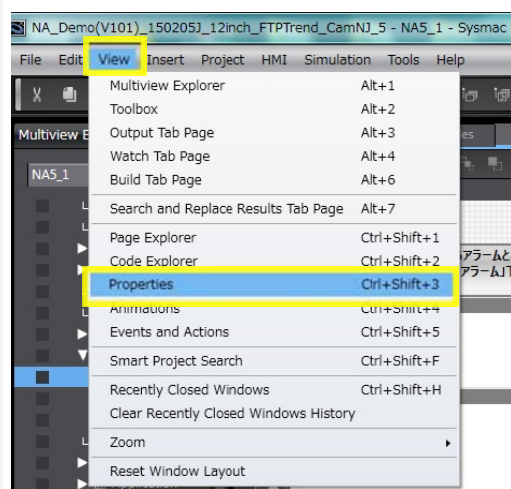
15.How to Use IAG Objects

- How to set the properties (direct input)

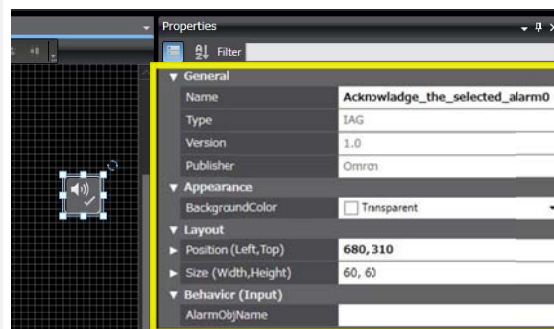
1. Open the page on which you placed the IAG object.



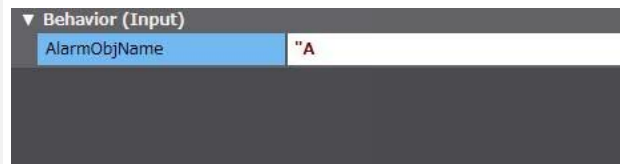
2. Select "View" -> "Properties" in the menu in order to edit the IAG properties.



3. The Properties window opens on the right. Click the "Acknowledge_the_selected_alarm" IAG that you placed to show the properties.



4. Click "Behavior (Input)" in the properties -> enter "AlarmViewer0" to be specified to "AlarmObjName". Enter ["AlarmViewer0"] here (include the quotation marks). *1



5. This completes the entry procedure.



*1. When setting a string by direct entry, enclose the string in " " marks.

Revision History

Revision code	Date	Revised content
01	November 2015	Original production

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