

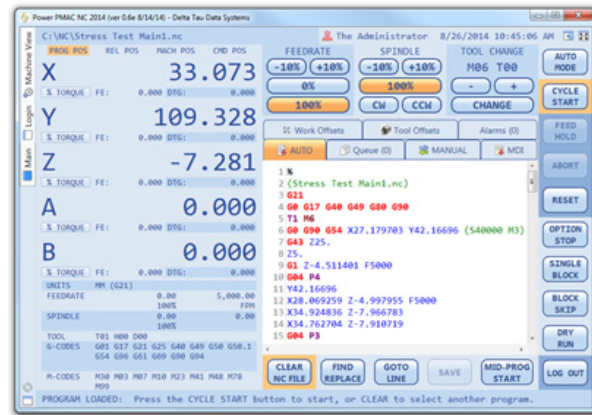
Power PMAC CNC 14 Software

PRODUCT DESCRIPTION

Power PMAC NC 14 is a robust CNC HMI software package specifically designed to leverage the capabilities of the Power PMAC motion controller. Power PMAC 14 is available in a configurable runtime package with an optional SDK package which allows customization via Microsoft's Visual C# development environment.

POWER PMAC NC 14 FEATURES

- Up to 10 axes, INCH or MM
- Multiple Machine Types
- Colorized NC File Editor
- Mid-Program Start
- Execution Monitor
- Active G/M code Display
- NC File Queue (Automation Enabled)
- Jogging, Homing and MDI
- User Login System
- Foreign Language Translation
- Logging and Plotting Tools
- Companion Power PMAC Project
- Multiple Messaging Levels
- Compatible with Windows 7 or newer (64-bit or 32-bit)
- Simply copy files to install (approx 5 MB total file size)
- Companion PMAC projects for both Power
- Choice of Rotary or Fixed Buffer
- Secure SSH/SFTP communications with Power PMAC
- Includes command terminals, logging and plotting tools
- Utilizes Block Queries for efficient communications
- Colored NC file editor handles files up to 100 MB



ORDERING PART NUMBER

Power PMAC NC 14 Runtime Licenses (USB Hardware Dongle Protected)

PPNC-0000000-001-000

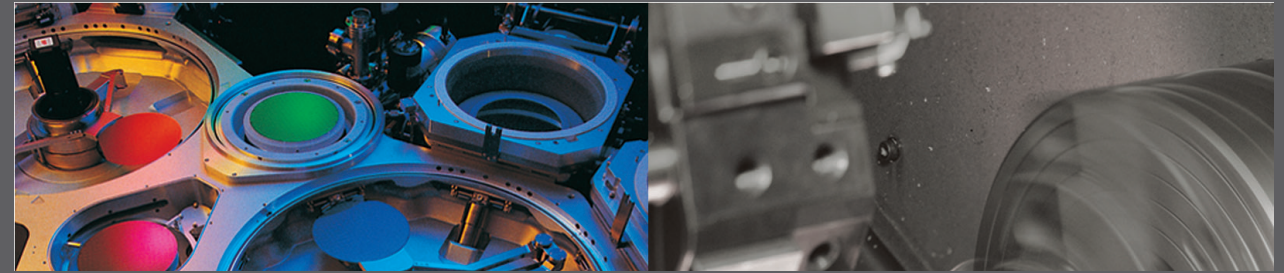
Power PMAC NC 14 Software Development Kit (Two Runtime Licenses Included)

PPNC-0000000-002-000

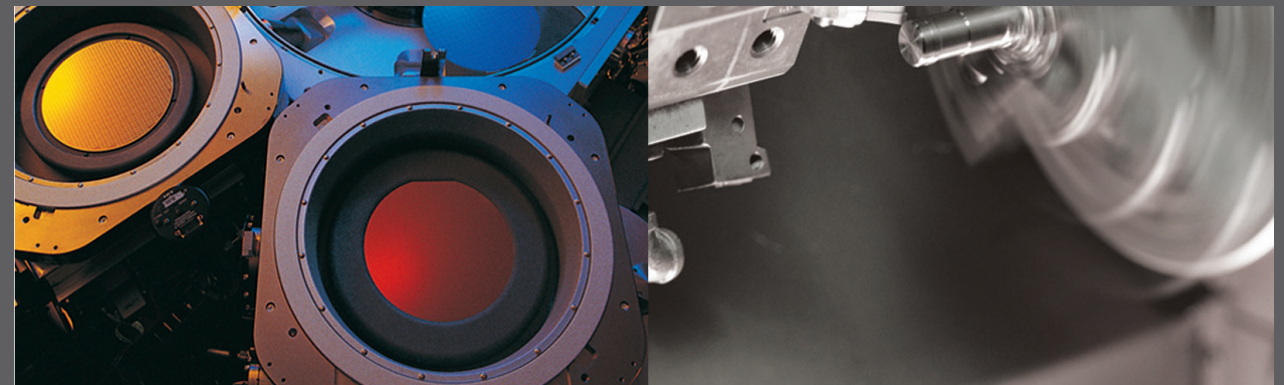
Site License, Redistributable, Runtime Licenses Required for deployment.

Power PMAC NC 14 Custom Modification Services

Delta Tau can provide custom software modifications on a request basis. This work is billed hourly and is designed to provide rapid development of customer applications at competitive pricing. Please contact factory to discuss your requirements.



Power PMAC CNC



MIP22
Machine Interface Panel
with 22" LED Touch Screen
and Handheld Control Pendant



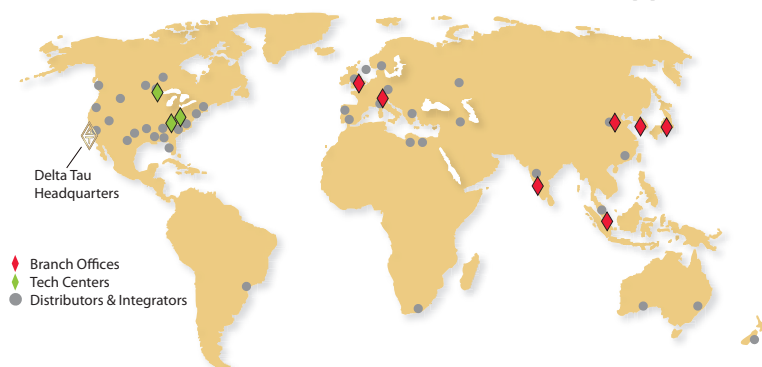
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you can also find us on...



Worldwide Support



About the MIP22 The MIP22 is an industrial Machine Interface Panel with a 22" LED Touch Screen and feature rich handheld control pendant. The MIP22 features an industrial long life motherboard with all solid state media and low power consumption components. The MIP22 front panel can be customized to add application specific buttons, switches, or other devices. The MIP22 comes pre-loaded with Microsoft Windows 7 Professional. There are four externally accessible USB ports (2 front/2 bottom). Internally a Gigabit LAN port connects to PMAC devices. The Pendant communicates via Ethernet directly to the Power PMAC or through a user supplied Ethernet switch. The MIP22 was specifically designed to leverage the latest **Power PMAC NC 14 Software Suite**.

HARDWARE HIGHLIGHTS

Industrial Motherboard Specifications:

- Long-Life Embedded Industrial Platform through 2020
- Intel Baytrail Celeron N2930, Quad-Core, 1.83Ghz CPU
- 4GB Ram (Supports DDR3L-1333 SODIMM up to 8GB)
- 60GB SSD mSATA Hard Disk
- Operating Temperature 0~60°C
- Mini-ITX Form Factor
- 4 USB2.0 Ports (2 front / 2 bottom)
- Gigabit LAN Port (Qty. 1 – Second Optional)

22" LCD Touch Monitor Specifications:

- 22" Diagonal Elo Intellitouch LCD Touch Panel
- 16:9 Active matrix TFT LCD with LED backlighting

Input Voltage:

- 12VDC, 100-240VAC Input Power Supply Included

Front Panel:

- Emergency Stop (Dual Contact) & Power Button

POWER PMAC PENDANT

BUTTONS:

- Auto Mode
- MDI Mode
- Reset
- Single Block
- Block Delete
- Option Stop
- Continuous Jog
- Incremental/Handwheel Jog
- Home
- Emergency Stop (Dual Contact)
- 6 User Definable Buttons
- Cycle Start
- Feed Hold
- Jog + / Jog -
- ATC + / ATC -
- Spindle CW / CCW

ANALOG OVERRIDE KNOBS:

- Feedrate
- Rapid
- Spindle

SELECT SWITCHES:

- Axis Select (XYZABC)
- Speed Select (Lo-mLo-Med-mHi-Hi)

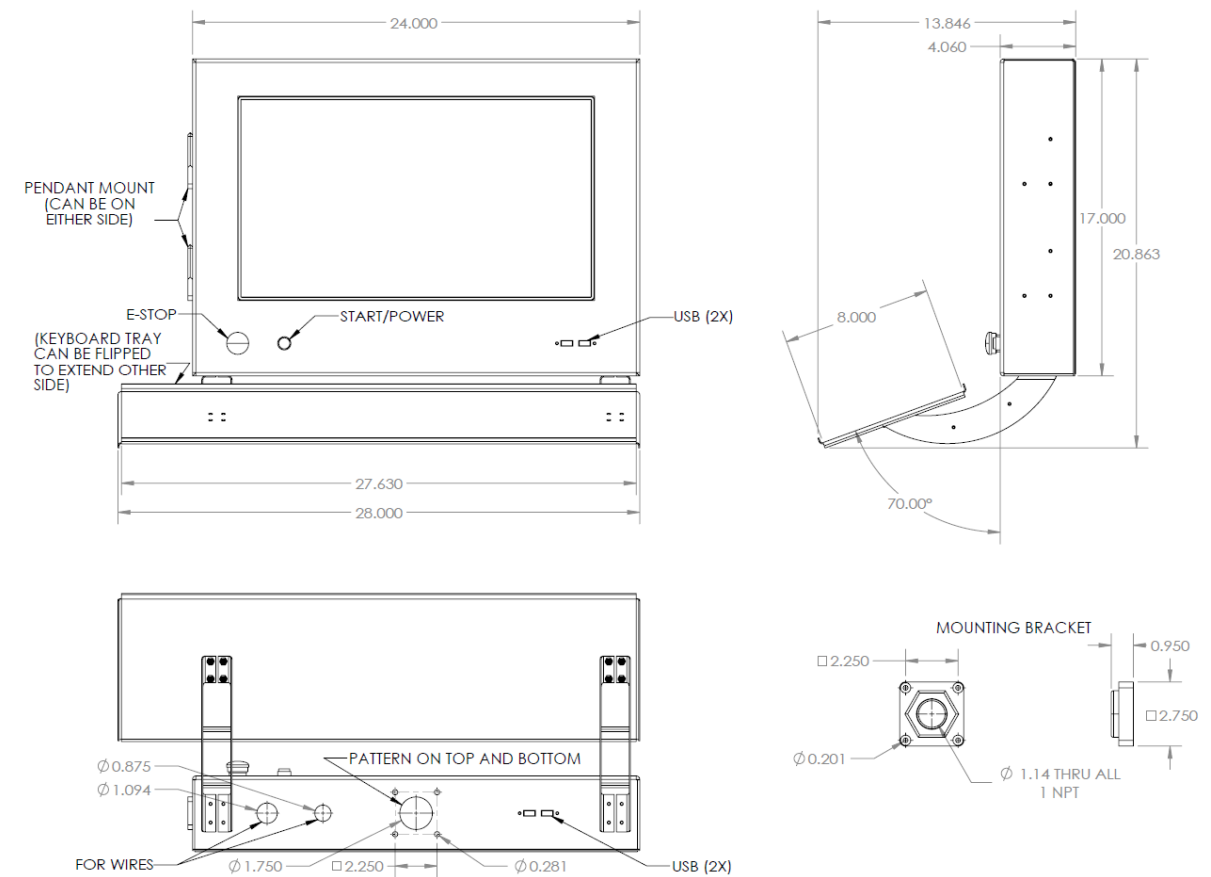
MANUAL PULSE GENERATOR:

- 100 PPR Manual Pulse Feedrate



MIP22 Machine Interface Panel with 22' LED Touch Screen

OVERALL DIMENSIONS



Description

Power PMAC NC 14 Software + Machine Interface Panel 22"

Includes one Power PMAC NC 14 Runtime License plus the MIP-22 - Machine Interface Panel with 22" Touch Monitor

Power PMAC NC 14 Software + Power PMAC Pendant

Includes one Power PMAC NC 14 Runtime License plus the Power PMAC Pendant

Power PMAC NC 14 Software + Machine Interface Panel 22" + Power PMAC Pendant

Includes one Power PMAC NC 14 Runtime License, the MIP-22 - Machine Interface Panel with 22" Touch Monitor, and the Power PMAC Pendant.

MIP-22 - Machine Interface Panel with 22" Touch Monitor

The MIP-22 interface panel includes an industrial motherboard, 22" LCD Touch Monitor, keyboard, pointing device, top and bottom mounting locations, 4 USB2.0 ports (2 front / 2 bottom) and Ethernet connectivity, emergency stop and power buttons, and Microsoft Windows 7 Professional 64-Bit Operating System.

Power PMAC Pendant

The Power PMAC Pendant includes mode, jog, speed, reset, spindle, tool changer, and home function buttons. Analog override knobs for feed, speed, and rapid. Six user definable and legible keys are included. All mode and user function buttons are LED illuminated. The unit communicates to the control via Ethernet. 8 foot cable.

Part Number

PPNC-NF90040-001-000

PPNC-0000000-S01-000

PPNC-NF90040-S01-000

PPNC-NF90040-000-000

PPNC-0000000-S00-000