



Features

- ✓ 10.4" TFT LCD Display
- ✓ 640 x 480 - 65,536 colours
- ✓ Touch screen
- ✓ AMD Geode LX800 - 500MHz
- ✓ 256MB DDR-400 SDRAM
- ✓ 256MB Flash Disk On Module
- ✓ 2 x USB 2.0
- ✓ 3 x COM ports & 1 x PS/2 port

Specification

System	
CPU	AMD Geode LX800 - 500Mhz
Memory	256MB DDR-400MHz SDRAM
Cooling System	Fan-less
Display	
Display	10.4" TFT LCD
Luminance	400cd/m ²
Colours	65,536
Contrast Ratio	300:1
Resolution	640 x 480
Backlight	2 x CCFL
Backlight Lifetime	40,000 hours
Touch Screen	
Type	4 wires Resistive
Accuracy	2mm
I/O	
Serial Port	1 x COM1 (RS-232 / RS-485 2W / RS-485 4W) 1 x COM2 (RS-232) 1 x COM3 (RS-232 / RS-485 2W)
USB Port	2 x USB 2.0
USB Connectivity	Supports a variety of USB devices: printer, bar code reader, mouse, etc.
Audio	1 x Line Out 1 x Mic In
Keyboard/Mouse	1 x PS/2 Keyboard and Mouse connector
Expansion Slot	1 x IDE port
Ethernet	
Connector	1 x RJ45
Controller	10/100Mbps
Storage	
Flash Memory	256MB Flash DOM (Disk On Module) on the IDE slot Application size up to 16MB Data and Event Log size up to 50MB
USB stick	Ability to store data on a third part USB stick

Mechanical	
Construction	Plastic molded housing
Dimensions	286mm x 212mm x 50mm (W x H x D)
Mounting Method	Panel mount VESA 75 mount
Panel Cutout	259mm x 201mm (W x H)
Weight (net)	1.6Kg
Power Supply	DC 24 V +/- 10% (21.6~26.4V DC)
Power Consumption	1.25A @ 24V
Power Isolation	Built-in power isolator
Environment	
Storage Temp.	-20~60°C (-4~140°F)
Operating Temp.	0~45°C (32~113°F)
Relative Humidity	10~90% @ 40°C non-condensing
Vibration	2G peak, 10~25 Hz (X, Y, Z directions, 30 minutes)
Certifications	
Front Panel	Nema 4 IP 65
Approvals	CE (EN50081-2 & EN50082-2 standards) FCC Class A
Programming Framework	
Software	ViewBuilder8000 v2.0.0 or newer
Ordering Information	
PV8104X	10.4" 640 x 480 TFT LCD HMI, 256 DDR-400 SDRAM, 256MB Flash DOM