PowerVision
PV-8050iE

GRAPHIC HMI
WIDE SCREEN

4.3" TFT 350 cd/m^2 Display

4-Wire Resistive Touch Screen

32Bit RISC Processor 600MHz

Fan-less Cooling System

128MB Built-in Flash memory

128MB RAM Memory

Ethernet 10/100 Base-T

Two RS-232/485

IP66 Front Panel

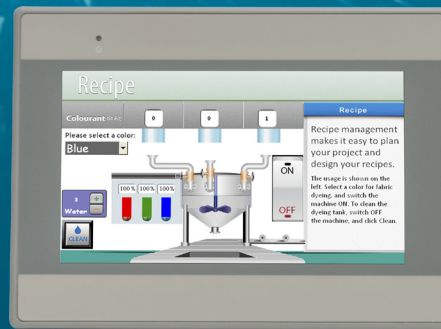Siemens MPI 187.5k Support*

CE & UL 508 Approvals

RS232/485

CE

USB 2.0

EtherNet/IP

The PowerVision PV-8050iE HMI

4.3" Wide Screen TFT Display

NemaVISION-iPC

PowerVision Series PV-8050iE

The PV-8050iE utilizes an embedded 600 MHz microprocessor to provide crisp performance and startling HMI graphics. An aesthetically designed plastic enclosure offers anti-corrosion and effectively dust and dirt free protection.

The *EasyBuilder Pro* Application Development System allows you to quickly build up to 2000 dynamic graphic screens with Push Buttons, Numeric Display, Alarms, Real-time & Historical Trend objects and support for BMP, JPG, GIF or PNG image import. Enhanced features include a Recipe Management database to check, search and manage recipe information and a Scheduled Management function to execute specified process, time interval or triggered events.

Customize programs with the User-defined Macro Editor, then store frequently used routines in the Macro Library to shorten development time in future projects. Online and Offline Simulation tools facilitate fast application debugging.

Efficiently manage plant with E-mail notification of status alarms and statistical information. Introduce 14 levels of Run-time security for up to 128 Users and with *EasyAccess 2.0* you can communicate with the device from any location.

PowerVision units can support a network of up to 64 devices, exchange data, save data and operate each other over the Internet and support over 150 popular communication drivers.

MODEL	PV-8050iE
CPU	32Bit RISC CPU 600MHz
Memory (standard)	128MB RAM
Storage	Built-in 128MB Flash Memory
Touch Panel	4-wire Resistive
Real Time Clock	Yes
Housing	Plastic
Cooling	Fan-less Design
I/O Port	1 x Ethernet 10/100 Base T (RJ45)
	1 x USB 2.0
	Com1 (RS-232/RS-485 2W/4W) *MPI support only one port
	Com3 (RS-232/RS-485 2W) *MPI support only one port
Power input	24VDC
Installation Type	Panel Mount
Display	
Display type	4.3" TFT LCD / LED Backlight
Colours	16 Million
Resolution	480 x 272
Brightness	500 cd/m^2
Backlight life Time	>30,000 hrs
SIZE AND WEIGHT	
Dimension (W×H×D)	128mm × 102mm × 32mm
Cut-out Size (W×H)	119mm × 93mm
Weight	Approximately 0.25kg
ENVIRONMENT	
Operating Temperature	0°C-50°C
Storage Temperature	-20°C to 60°C
Humidity	10-90% (Non-condensing)
Front Panel Protection	IP65
Certification	CE, UL508 type 4X, AS/NZS CISPR 22:2009+A1:2010

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