PowerVision
PV-3120A

GRAPHIC HMI

12.1" XVGA 500 cd/m^2 Display w/4-Wire Resistive Touch Screen

32Bit RISC Processor 800MHz

Fan-less Cooling System

256MB Built-in Flash memory

256MB RAM Memory

Video Input Ports NTSC/PAL

Two RS-232/485

IP66 Front Panel

Aluminium Housing

CE Approved

RS232/485   C E   **USB 2.0**   EtherNet/IP

The PowerVision PV-3120A HMI

12.1" XVGA TFT Display

PowerVision Series PV-3120A

The PV-3120A utilizes an embedded 800 MHz microprocessor to provide crisp performance and startling HMI graphics. An aesthetically designed rigid aluminum enclosure offers anti-corrosion and effectively dust and dirt free protection.

PowerVision can support a network of up to 64 devices, exchange data, save data and operate each other over the Internet. Support for over 150 communication drivers' including CANopen, Modbus and Siemens MPI/PPI.

Applications are built with the *EasyBuilder Pro* Application Development System 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. Execute a specified process, time interval or triggered event with the Scheduled Management function.

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.

E-mail notification of status alarms and regular statistical information enables users to efficiently manage plant related problems.

Introduce a 14 level, 128 User USB Key Runtime security system for local HMI operation

MODEL	PV-3120A
CPU	32Bit RISC CPU 800MHz
Memory (standard)	256MB RAM
Storage	Built-in 256MB Flash Memory
Touch Panel	4-wire Resistive
Real Time Clock	Yes
Housing	Aluminium
Cooling	Fan-less Design
I/O Port	1 x Ethernet 10/100 Base T (RJ45)
	2 x USB 2.0
	Com1 (RS-232/RS-485 2W/4W)
	Com3 (RS-232/RS-485 2W)
	2 x RCA Video Input Ports
Power input	24VDC
Installation Type	Panel Mount
Display	
Display type	12.1" XVGA TFT LCD / LED Backlight
Resolution	1024 x 768
Brightness	500 cd/m^2
Backlight life Time	50,000 hrs
SIZE AND WEIGHT	
Dimension (W×H×D)	317mm×244mm×46mm
Cut-out Size (W×H)	305mm×231mm
Weight	2.1kg
ENVIRONMENT	
Operating Temperature	0-50℃
Storage Temperature	-20℃-70℃
Humidity	10~90% (Non-condensing)
Front Panel Protection	IP66
Certification	FCC, CE