



# PowerVision PV-3070A

## GRAPHIC HMI

### WIDE TEMPERATURE RANGE

-20°C - 50°C

7.0" TFT 500 cd/m<sup>2</sup> Display

4-Wire Resistive Touch Screen

32Bit RISC Processor 600MHz

Fan-less Cooling System

256MB Built-in Flash memory

256MB RAM Memory

Ethernet 10/100 Base-T

Two RS-232/485

IP66 Front Panel

Aluminium Housing

CE Approved



RS232/485



USB 2.0



## The PowerVision PV-3070A HMI 7.0" TFT Display



The PV-3070A utilizes an embedded 600 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 Run-time security system for local HMI operation

MODEL	PV-3070A
<b>CPU</b>	32Bit RISC CPU 600MHz
<b>Memory (standard)</b>	256MB RAM
<b>Storage</b>	Built-in 256MB Flash Memory
<b>Touch Panel</b>	4-wire Resistive
<b>Real Time Clock</b>	Yes
<b>Housing</b>	Aluminium
<b>Cooling</b>	Fan-less Design
<b>I/O Port</b>	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)
<b>Power input</b>	24VDC
<b>Installation Type</b>	Panel Mount
Display	
<b>Display type</b>	7.0" TFT LCD / LED Backlight
<b>Resolution</b>	800 x 480
<b>Brightness</b>	500 cd/m <sup>2</sup>
<b>Backlight life Time</b>	30,000 hrs
SIZE AND WEIGHT	
<b>Dimension (WxHxD)</b>	200mmx146mmx42.5mm
<b>Cut-out Size (WxH)</b>	192mmx138mm
<b>Weight</b>	0.9kg
ENVIRONMENT	
<b>Operating Temperature</b>	-20°C-50°C
<b>Storage Temperature</b>	-20°C-70°C
<b>Humidity</b>	10~90% (Non-condensing)
<b>Front Panel Protection</b>	IP66
<b>Certification</b>	FCC, CE

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