



PowerVision PV-3105P

GRAPHIC HMI

10.4" SVGA 400 cd/m² Display
w/4-Wire Resistive Touch Screen

32Bit RISC Processor 800MHz

Fan-less Cooling System

256MB Built-in Flash memory

256MB RAM Memory

Ethernet 10/100 Base-T

Two RS-232/485

IP65 Front Panel

Plastic Housing

CE Approved

RS232/485



The PowerVision PV-3105P HMI

10.4" SVGA TFT Display



PowerVision Series PV-3105P

The PV-3105P 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 Run-time security system for local HMI operation

MODEL	PV-3105P
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	Plastic
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)
Power input	24VDC
Installation Type	Panel Mount
Display	
Display type	10.4" SVGA TFT LCD / LED Backlight
Resolution	800 x 600
Brightness	400 cd/m ²
Backlight life Time	30,000 hrs
SIZE AND WEIGHT	
Dimension (WxHxD)	286mmx212mmx50mm
Cut-out Size (WxH)	259mmx201mm
Weight	1.6kg
ENVIRONMENT	
Operating Temperature	0-50°C
Storage Temperature	-20°C-60°C
Humidity	10~90% (Non-condensing)
Front Panel Protection	IP65
Certification	FCC, CE



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DST-PV-3105P Rev C NemaVision-iPC is a trading name of Nematron Europe Ltd.

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