

## PowerView 8000 Series – OIT System



The advanced function PowerView 8000 Operator Interface Terminal with enhanced software and system integration capabilities brings true system expansion to local operator interface and control applications.

A common fan-less hardware platform in four screen sizes allows the User maximum flexibility to match ever demanding application needs with compact space limitations.

PowerView 8000 is a cost effective, easy to use solution designed for general application throughout food & beverage, material handling, pharmaceutical, assembly and process control industries.

### FEATURES

- 2000 Screens
- 65536 Colours
- Master/ Slave OPC compliant
- Ethernet Supports:
  - Allen Bradley Ethernet/IP
  - Modbus TCP/IP
- Connect up to 16 different types of controller simultaneously
- Peer-to-Peer Communication
- Global Data Access
- Large PLC Driver Library
- Data Downloading/Program transfer
  - Ethernet
  - Memory stick
  - Compact flash
- Online/ Offline Simulator

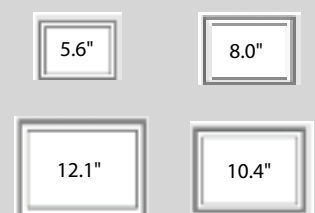
### PowerView 8000 - The Integration Centre



### HARDWARE FEATURES

- 65K Colour Display
- Resistive Touch Screen
- 200MHz Intel XScale Processor
- 64MB DRAM Memory
- 32MB Flash Memory
- 3 USB 2.0 Ports
- 1 x Ethernet 10/100 Base-T
- 3 x Serial Ports: configurable
- RS232/485
- Compact Flash Port
- Real Time Clock
- Audio In/Out
- 24 Volt DC Input

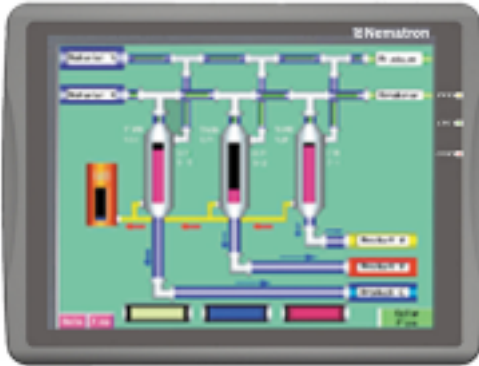
### SCREEN SIZES



Extensive Serial, USB and Ethernet device support extend the PV-8000 Series application scope by making the integration of devices such as Barcode, Wireless and Audio Devices as natural as PC expansion. PV-8000 offers multiple storage memory media options including a Hard Drive Interface and peripheral support for Printer, Keyboard and Mouse. The PV-8000 is the ultimate Integration Centre.



## ViewBuilder 8000



ViewBuilder 8000 takes full advantage of the PV-8000's high resolution display with a wealth of application development tools. Enhanced graphics capability provides support for BMP, JPG, and both static and dynamic GIF file formats.

The advanced object libraries containing bar graphs, trend displays, list & dropdown menus, user configurable shapes and engineering icons facilitate fast mimic and screen development reducing project implementation time.

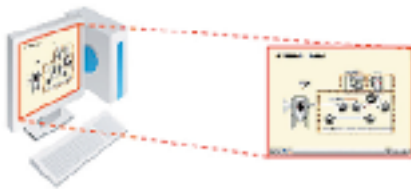
Alarm management, historical and real time event & trend functions bring performance and functionality typical of larger scale SCADA Systems to the PV-8000 Operator Interface Terminal.

Ethernet, OPC compliant (optional), and Serial are amongst the extensive Communication options. The PV-8000 also has its own Peer-to-Peer capability to share data across Ethernet. An inbuilt Global Data Access mechanism allows PV-8000 applications to exchange data through global variables; enabling one PV-8000 application to operate a device connected to another PV-8000. Global Data Access is also ideal for remote monitoring and fault diagnosis. A suite of efficient application test tools allows the developer to



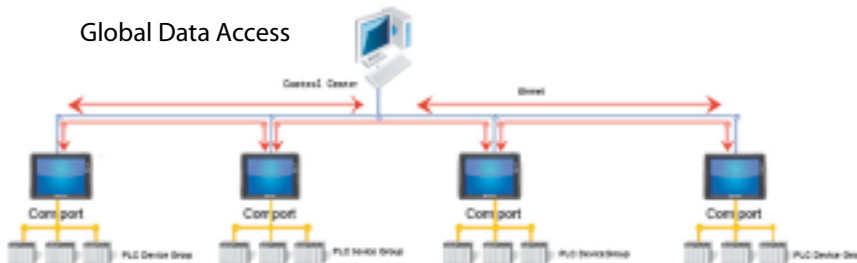
Typical Trend Display

simulate off-line and online for both single and multiple device applications from the PC. Additionally, a full control function allows the developer to run multiple simulation screens on a single PC to monitor data from many PV-8000s simultaneously.



Offline Simulation

### Global Data Access



### APPLICATION DEVELOPMENT

- Pop-up Windows
- Alarm & Event Management
- Recipe Management
- Data Logging / Data Sampling
- Object Libraries
  - Bar Graphs, Numerical Input etc
- Object Protection
- Text Display:
  - Multi-language
  - Windows True Font
- Support for BMP, JPG and GIF
- Multi-level Password Security
- Online & Offline Simulator

### COMMUNICATION DRIVERS

- AB MicroLogix (DF1 Protocol)
- AB SLC500 (DF1, DH485)
- AB PLC5 (DF1 Protocol)
- AB CompactLogix, FlexLogix (AB Logix DF1)
- GE Fanuc Micro - 90-30 Series (GE SNP-X Protocol)
- Mitsubishi FX Series, Q00/Q01 CPU, QJ71, Communication Module (QJ71), 232/485 BD
- Modicon PLC (Modbus RTU), TSX Micro, Nano, Naza Series (UnitelWay)
- Omron CPM, CQM Series (Host Link)
- Omron C200H/HS/ALPHA
- OMRON CP1H, CJ1, CS1 Series
- OMRON E5CN Series
- Siemens S7/200, S7/300
- Telemechanique Twido (Modbus RTU)
- Yokogawa FA-M3 Series

For a complete list of drivers please visit our website

Model	Display	Resolution	Cutout W x H	Depth
PV-8056V1	5.6" color TFT	LCD (320 x 234)	7.56" x 5.43" (192mm x 138mm)	1.88" (48mm)
PV-8080V1	8.0" color TFT	LCD (640 x 480)	8.74" x 6.57" (223mm x 168mm)	1.97" (50mm)
PV-8104V1	10.4" color TFT	LCD (640 x 480)	10.10" x 7.80" (259mm x 201mm)	1.97" (50mm)
PV-8121V1	12.1" SVGA TFT	LCD (800 x 600)	12.00" x 9.05" (303mm x 230mm)	2.00" (51mm)