

PowerVision PV-SVR-100

Nema **VISION-IPC**



CLOUDHMI SERVER

Two Gigabit Ethernet Ports

Supports Email

256MB Built-in Flash memory

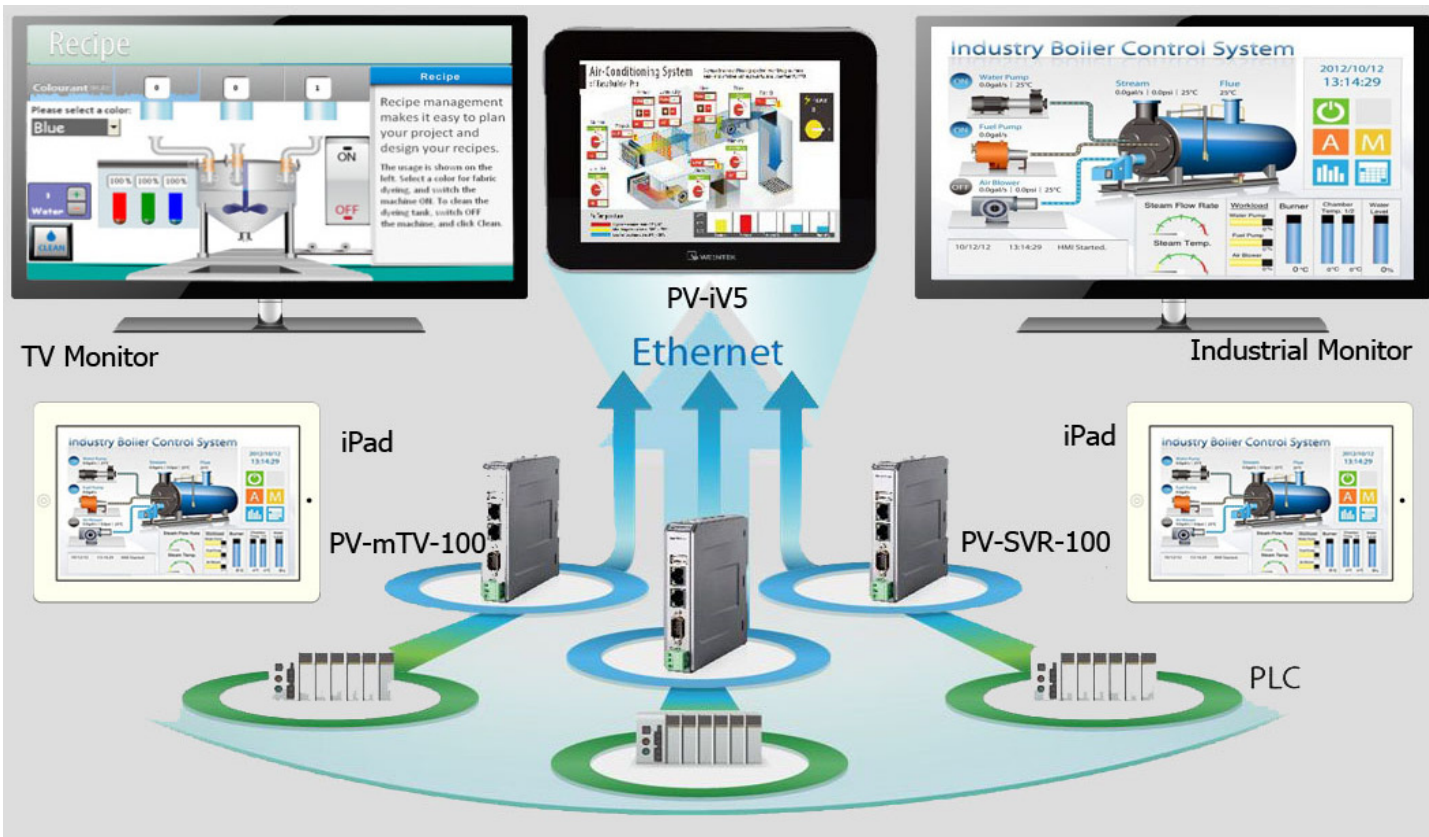
SD Slot for Storage Extension

One USB Host Port

Fan-less Cooling System

Supports MPI 187.5K

DIN Rail Mountable



RS232/485



The PowerVision PV-SVR-100 CloudHMI Interface



PowerVision Series PV-SVR-100

CloudHMI is a ground breaking development in HMI Systems. Calling on the benefits of Cloud-based Technology, HMI system architecture can be significantly enhanced through the inclusion of large screen wall mounted industrial displays and low cost TV monitors, centralised Tablet displays such as the PV-iV5 and iPad & Android tablets for mobility.

At the very centre of CloudHMI, the PV-SVR-100 Server Module delivers real-time plant and process information to up to three display devices simultaneously. CloudHMI combines leading edge HMI technology with Wi-Fi and Tablet Apps Technology to deliver an unprecedented approach to HMI visualization. Interactive data becomes immediately available to Operations, Service or Management personnel whether centrally, remotely or on the move.

CloudHMI means that Alarm Conditions, Data & Event Logging, Recipe & Scheduled Events Management, Process Trending, and much more, are published directly to multiple devices both centrally or to mobile tablets in the field. Publishing data to Mobile devices can bring about fast and efficient rectification to costly, out of spec plant or machinery conditions.

With Program Development through EasyBuilder Pro the PV-SVR-100 supports the full functionality of a PowerVision HMI with 256MB of both Flash Storage and System RAM, SD/SDHC support and a comprehensive array of Ethernet, USB and Serial Communication Ports.

MODEL	PV-SVR-100
CPU	ARM Cortex A8 CPU 600MHz
Memory (standard)	256MB RAM
Storage	Built-in 256MB Flash Memory
SD Card Slot	SD/SDHC
Real Time Clock	Yes
HDMI	N/A
Housing	Plastic
Cooling	Fan-less Design
I/O Port	2 x Ethernet 10/100/1000 Base T (RJ45) 1 x USB 2.0 Host Port Com1 (RS-232) Com2 (RS-485 2W/4W) Com3 (RS-485 2W)
Power input	24VDC / 230mA
MOUNTING	
Installation Type	35mm DIN-rail Mounting
DISPLAY	
Project Screen Size	1024x748 or 1004x768 (Portrait Mode)
SIZE AND WEIGHT	
Dimension (WxHxD)	130mmx115mmx27mm
Weight	Approximately 0.2kg
ENVIRONMENT	
Operating Temperature	-20°C to 55°C
Storage Temperature	-20°C to 70°C
Humidity	10-90% (Non-condensing)
Certification	FCC, CE, EN 55022/24: 2010; EN61000-3-2: 2006+A2: 2009 AS/NZS CISPR 22: 2009+A1: 2010
SOFTWARE	
Development System	EasyBuilder Pro

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DST-PV-SVR-100 Rev A 151014