PowerVision PV-mTV100

MACHINE TV INTERFACE
WIDE TEMPERATURE RANGE
-20°C - 55°C

Compact Design - DIN rail

HD 720p High Resolution

Fan-less Cooling System

256MB Built-in Flash memory

HDMI Output Port

Ethernet 10/100/1000 Base-T

SD Slot for Storage Extension

One USB Host Port

Supports MPI 187.5K

Power Isolator Inside

CE Approved

RS232/485

C E

USB 2.0

EtherNet/IP

The PowerVision PV-mTV100

Machine TV Interface

PowerVision Series PV-mTV100

The PV-mTV100 Machine TV Interface brings HD 720p High Resolution 'large screen' process monitoring to the control room.

Real-time monitoring across a network of PowerVision HMI units could not be made easier than with the PV-mTV100. Simply connect the PV-mTV100 to the Ethernet Router of the PowerView network, the HDMI output to any TV or Monitor with HDMI Interface and the PV-mTV100 will deliver networked HMI output to virtually any large, wide screen TV. The relatively low cost of HD TV units and the PV-mTV100 makes wall mounted, 1280 x 720p resolution graphic display a cost effective reality.

A standard Mouse pointing device connected to the unit gives Control Room Operators monitoring and supervisory access to a plant-wide network of PowerVision HMI units and attendant PLC/Controllers; in addition, the PV-mTV100 can support its own local PLC. Modify process parameters, manage alarms, monitor real-time & historical trend applications and effect supervisory control from a central location.

The PV-mTV100 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-mTV100
CPU	ARM Cortex A8 CPU 600MHz
Memory (standard)	256MB RAM
Storage	Built-in 256MB Flash Memory
Real Time Clock	Yes
Housing	Plastic
Cooling	Fan-less Design
I/O Port	1 x Ethernet 10/100/1000 Base T (RJ45)
	1 x USB 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	
Display type	N/A; No display
Display Output	HDMI Output Port
Resolution	1280 x 720
SIZE AND WEIGHT	
Dimension (W×H×D)	130mm×115mm×27mm
Weight	0.18kg
ENVIRONMENT	
Operating Temperature	-20℃-55℃
Storage Temperature	-20℃-70℃
Humidity	10~90% (Non-condensing)
Certification	FCC, CE
SOFTWARE	
Software	Easybuilder Pro

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Innovation create new HMI vision

mTV Machine TV Interface