WE!NTEK

Innovation create new HMI vision

mTV
Machine TV Interface

Breaking through the architecture of HMI, we freed HMI from its traditional combination of LCD panel and touch screen. The compact mTV can connect various sized TVs or monitors with HDMI interface. This makes real-time display clearer and less limited.

- HD 720p High Resolution HDMI Output
- One Gigabit Ethernet Port
- Compact Design and DIN-rail Mountable
- Built-in 256MB Flash Memory
- SD Card Slot for Extension of Storage
- One USB Host Port
- Fan-less Cooling System
- Supports MPI 187.5K
- Power Isolator Inside

Traditional Architecture

PLC   PLC   PLC

Ethernet
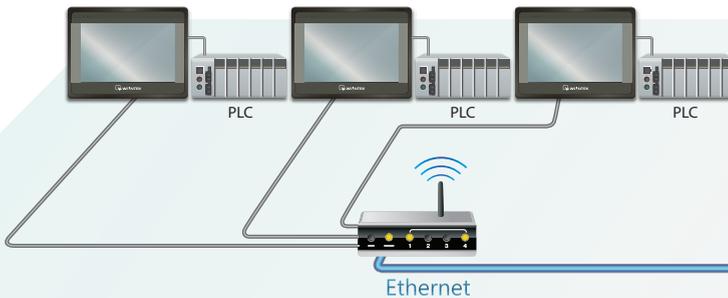
HMI Large touch screen
Real-time on-site monitoring

Tag Address For Allen-Bradley

Wider vision

TV Any Size
Real-time on-site monitoring

Direct Monitor

The amount of textiles

Remote Monitor

The amount of each solvent   Current Status

Red
Green
Blue

The amount of each solvent
The amount of each solvent

mTV Architecture

PLC   PLC   PLC

PLC

Ethernet

mTV
(HDMI interface)
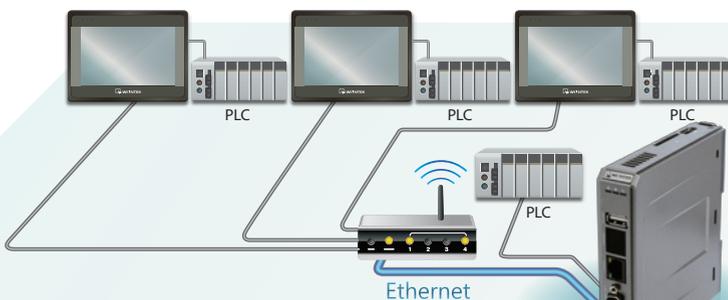
mTV-100

Machine TV Interface

Dimensions

| Side View | Top View | Side View | Top View | Bottom View |

Top View dimensions: 27,00 [1,063], 125,00 [4,921]

Side View dimensions: 129,73 [5,107], 114,80 [4,520]

Specification
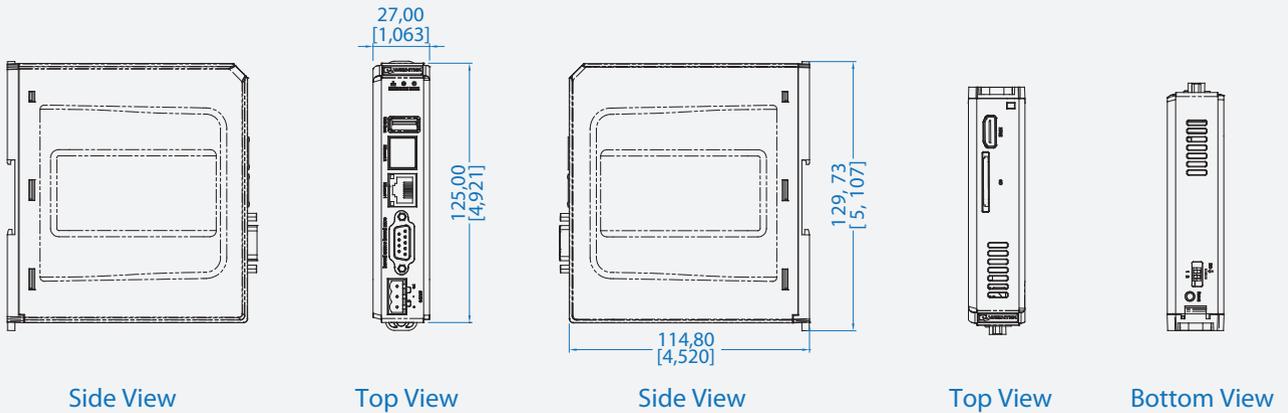
Category	Item	Value	
Memory	Storage(MB)	256	
	RAM (MB)	256	
Processor		ARM Cortex A8 600Mhz	
I/O Port	SD Card Slot	SD/SDHC	
	USB Host	USB 2.0 x 1	
	USB Client	N/A	
	Ethernet	10/100/1G x 1	
	COM Port	COM1 RS-232, COM2 RS-485 2W/4W, COM3 RS-485 2W	
	CAN Bus	N/A	
	HDMI	Resolution 1280 x 720	
RTC		Built-in (CR1225 3V lithium battery)	
Power	Input Power	24±20%VDC	
	Power Consumption	230mA@24V	
	Power Isolation	Built In	
	Voltage Resistance	500VAC (1 min)	
	Isolation Resistance	Exceed 50MΩ at 500VDC	
	Vibration Endurance	10 to 25Hz(X, Y, Z direction 2G 30 minutes)	
Specification	Enclosure	Plastic	
	Dimensions WxHxD	130 x 115 x 27mm	
	Weight (kg)	Approx. 0.18 kg	
	Mount	35mm Din rail mounting	
	Storage Temperature	-20° ~ 70℃ (-4° ~ 158°F)	
	Operating Temperature	-20° ~ 55℃ (-4° ~ 131°F)	
	Relative Humidity	10% ~ 90% RH (non-condensing)	
Certificate		Complies with CE	
Software		EasyBuilder Pro V3.00.02 or later versions	
Ordering Information	mTV-100	**FLC014200** • HDMI to DVI cable Length=200cm	**FLC012200** • HDMI to HDMI cable Length=200cm