WEINTEK

Innovation create new HMI vision

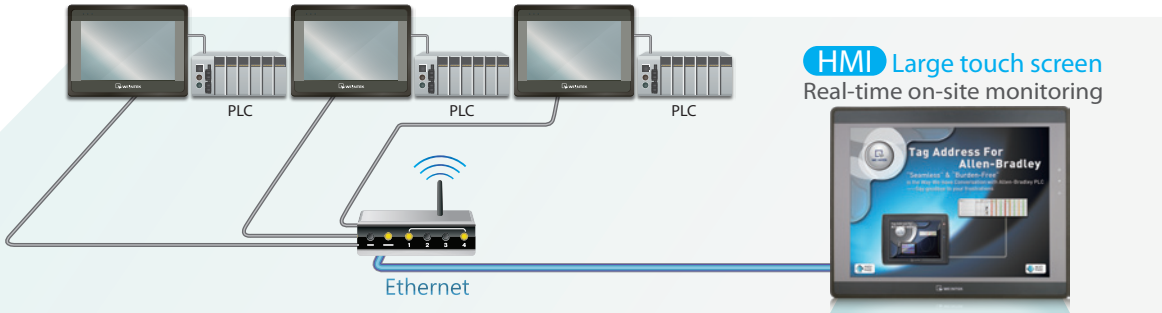
mTV

Machine TV Interface

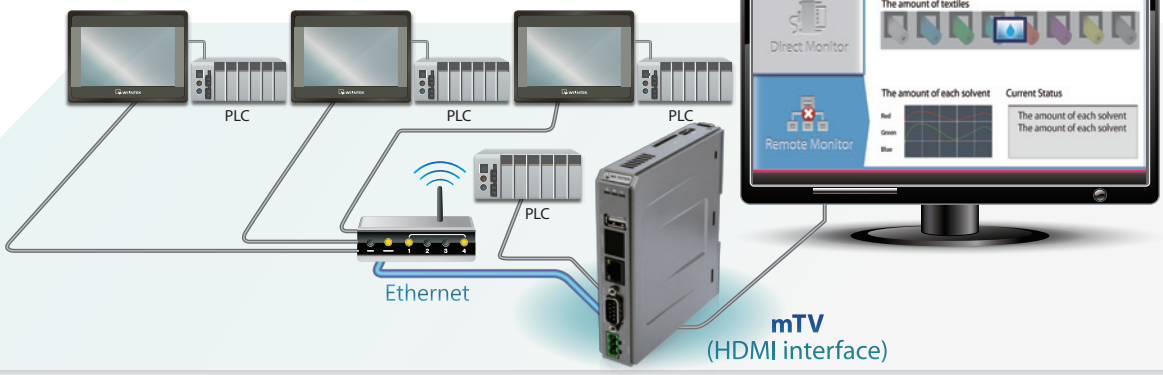
Breaking through the architecture of HMI, we freed HMI from its traditional combination of LCD panel and touch screen. The compact mTV can connect various sized TVs or monitors with HDMI interface. This makes real-time display clearer and less limited.

- 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



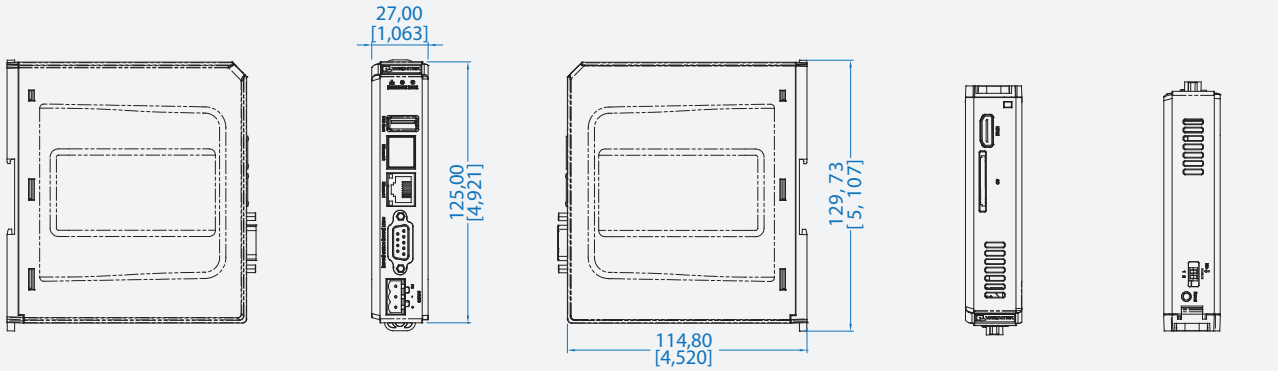
mTV Architecture



mTV-100

Machine TV Interface

Dimensions



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

Specification

Memory	Storage (MB)	256 MB
	RAM (MB)	256 MB
Processor		32 bits RISC 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@VDC
	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°C (-4° ~ 158°F)
	Operating Temperature	-20° ~ 55°C (-4° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
Certificate	CE	CE marked
	UL	cULus Listed
Software		EasyBuilder Pro V3.00.02 or later versions
Cable (Option)		**FLC014200** : HDMI to DVI cable Length=200cm **FLC012200** : HDMI to HDMI cable Length=200cm

* Specifications subject to change without notice.

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