

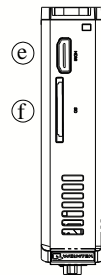
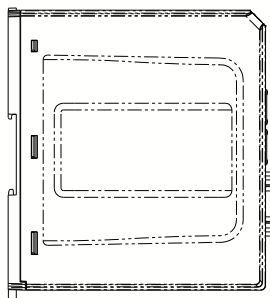
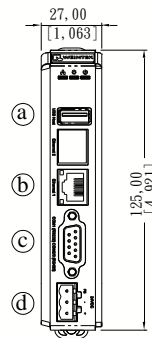
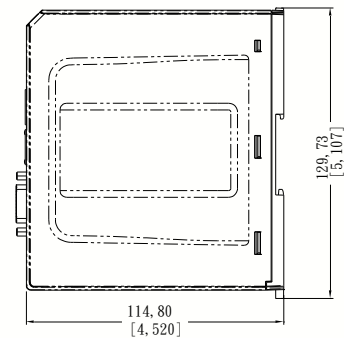
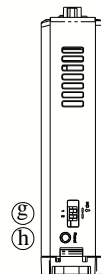


## Machine TV Interface

### Features

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

<b>Memory</b>	Flash	256 MB
	RAM	256 MB
<b>Processor</b>		32 bits RISC Cortex-A8 600MHz
<b>I/O Port</b>	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100/1000 Base-T x 1
	COM Port	COM1: RS-232 COM2: RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI	Resolution 1280 x 720
	Audio Output	HDMI Audio Output
	Video Input	N/A
<b>RTC</b>		Built-in
<b>Power</b>	Input Power	24±20%VDC
	Power Isolation	Built In
	Power Consumption	230mA@24VDC
	Voltage Resistance	500VAC (1 min.)
	Isolation Resistance	Exceed 50MΩ at 500VDC
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
<b>Specification</b>	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	130 x 115 x 27mm
	Weight	Approx. 0.18 kg
	Mount	35mm DIN rail mounting
<b>Environment</b>	Protection Structure	IP20
	Storage Temperature	-20° ~ 70°C (-4° ~ 158°F)
	Operating Temperature	-20° ~ 55°C (-4° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
<b>Certificate</b>	CE	CE marked;
	UL	cULus Listed
<b>Software</b>		EasyBuilder Pro V3.00.02 or later versions

**mTV-100 Dimensions**

**Top View**

**Side View**

**Front View**

**Side View**

**Bottom View**

<b>a</b>	<b>USB Host Port</b>	<b>e</b>	<b>HDMI</b>
<b>b</b>	<b>Ethernet Port</b>	<b>f</b>	<b>SD Card Slot</b>
<b>c</b>	<b>COM1: RS-232, COM2: RS-485 2W/4W, COM3: RS-485 2W</b>	<b>g</b>	<b>DIP Switch</b>
<b>d</b>	<b>Power Connector</b>	<b>h</b>	<b>Reset Button</b>

**Ordering Information**
**mTV-100**

256 MB flash memory  
 256 MB RAM on board  
 10/100/1000M Ethernet port x 1

**FLC014200** (Optional)

HDMI to DVI cable

Length=200cm

**FLC012200** (Optional)

HDMI to HDMI cable

Length=200cm

**RZC232300** (Optional)

Multi-connector cable

COM1[232]/COM2[485]/COM3[485]