Machine TV Interface

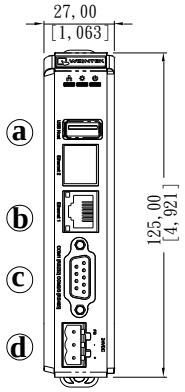
Features

- 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 Expansion of Storage
- One USB Host Port
- One Gigabit Ethernet Port
- Supports MPI 187.5K
- Built-in Power Isolator

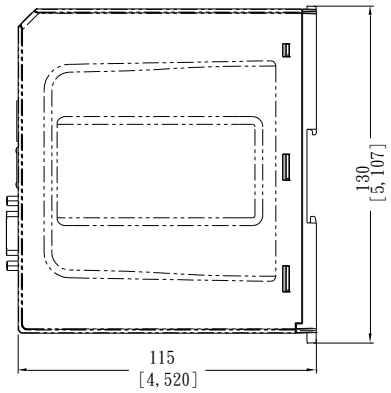
Memory	Flash	256 MB
	RAM	256 MB
Processor		32-bit RISC Cortex-A8 600MHz
I/O Port	SD Card Slot	SD/SDHC
	USB Host	USB 2.0 x 1
	USB Client	N/A
	Ethernet	10/100/1000 Base-T x 1
	COM Port	COM1: RS-232 COM2: RS-485 2W/4W COM3: RS-485 2W
	RS-485 Dual Isolation	N/A
	CAN Bus	N/A
	HDMI Output	Resolution 1280 x 720
	Audio Output	HDMI Audio Output
	Video Input	N/A
RTC		Built-in
Power	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)
Specification	PCB Coating	Yes
	Enclosure	Plastic
	Dimensions WxHxD	27 x 130 x 115 mm
	Weight	Approx. 0.18 kg
	Mount	35mm DIN rail mounting
Environment	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)
Certificate	CE	CE marked;
	UL	cULus Listed
Software		EasyBuilder Pro V3.00.02 or later versions

*The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI licensing Administrator, Inc.

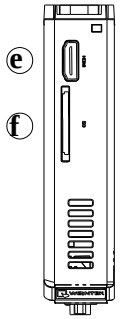
mTV-100 Dimensions



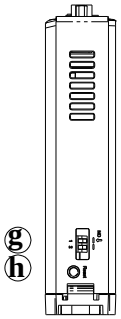
Front View



Side View



Top View



Bottom View

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

Ordering Information

mTV-100

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

RZC232300 (Optional)
Multi-connector cable
COM1[232]/COM2[485]/COM3[485]