

TOUCH SCREEN FOR INDUSTRIAL APPLICATION

MT600 Series Open HMI

- Open HMI is designed between traditional HMI and industrial PC, It increases functionality and flexibility over traditional HMI while provides the lower cost than industrial PC.
- IMS Research forecasts that open HMI will be a trend and the fastest growing product in HMI industry.
- Weintek's open HMI solutions meet the rugged industrial requirement concerning IP65 water-dust resistant, vibration as well as wide-range temperature resistance.
- Great supports on I/O expansion and open platform that can run third party software, such as WinCE or XP embedded, also make Weintek's HMI solutions the best performance and flexibility



Serial Interface

Each MT600 is equipped with 3 serial ports which can directly connect with 3 different devices simultaneously.



High Contrast & High Brightness LCD

High-quality color displays with superior clarity, wide viewing angles and durable lifespan

MT600 support 65536[16bit] colors and provide finer more vivid visibility. Quick response in screens exchange; Smooth switch over screens without flashing and clearly exhibit pictures.



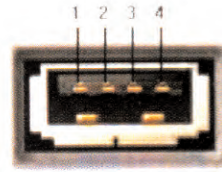
Sound Output

Equipped with WinCE/XPE powerful multimedia components: Media player/Direct, MT600 provides versatile audio effects.



USB 2.0 Interface

The flexibility of USB interface enriches the functionality of MT600. Each MT600 is equipped with 3 USB 2.0 interfaces for users to connect to printer, bar code reader, mouse and a variety of extended USB devices.



Ethernet

Ethernet allows several MT600 and other devices on the network to exchange data with high speed.

CF Card (T series only)

MT600 provides standard CF card slot for storage extension.



Optional Wireless USB & Mini PCI

MT600 series provide optional USB/MiniPCI wireless solution to solve the difficult in physical internet wiring. MT600 wireless network solution makes you easily to communicate with wireless stations anywhere. Connecting your LAN/WAN, MT600 supports high data encryption and reach convenient, reliable and secure data exchange environment.



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MT 600T / i

Coming Soon...



	Processor	200MHz (RISC)		533MHz (RISC)
	OS	Windows CE		
Display	Size/Type	5.6" TFT LCD	8" TFT LCD	7" WVGA TFT LCD
	Max. Colors	65536		
	Resolution	320 x 234	640 x 480	800 x 480
	Viewing Angle	55/65/65/65 (T/B/R/L)	55/65/65/65 (T/B/R/L)	R/L : 60/60 U/D : 40/60
	Brightness (cd/m ²)	300	400	450
	Contrast Ratio	300 : 1	250 : 1	400 : 1
	Backlight	LED	CCFL x 1	LED
	Backlight Avg. Life	30,000 hr	50,000 hr	40,000 hr
	Touch Panel	Type	4-wire, Analog Resistive	
Touch Accuracy		2mm		
Memory	DRAM on board	64MB		
	Storage	32MB Flash Memory		64MB Flash Memory
I/O Port	Serial Port	Com1 (RS232/RS485 2w/4w), Com2 (RS232), Com3 (RS232/RS485 2w)		
	Ethernet Port	10/100 Base-T x 1		
	USB Interface	USB 2.0 x 2	USB 2.0 x 3	USB x 1, Device x 1
	Sound Output	Line Out x 1		
	Expansion	CompactFlash™ Card Slot x 1		SD Card Slot
Power	Power Input	12~24VDC	24VDC±5%	12~24VDC
	Power Consumption	410mA@12VDC~220mA@24VDC	440mA@24 VDC	TBD
	Certificate	CE/UL/RoHS		CE/RoHS
	IP Rating	IP65 (NEMA 4)		
	Dimensions (WxHxD)	204 x 150 x 48mm	240 x 178 x 50mm	240 x 150 x 48mm
	Weight	0.85kg (1.87 lbs)	1.3kg (2.87 lbs)	TBD
	Front Frame	Plastic		
	Operating Temperature	-10~45°C (14~113°F)	0~45°C (32~113°F)	-10~45°C (14~113°F)
Operating Humidity	10~90%@40°C			

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MT 600X

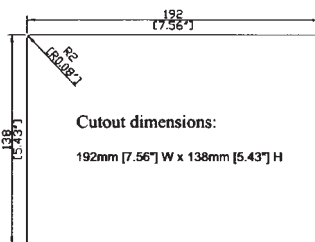
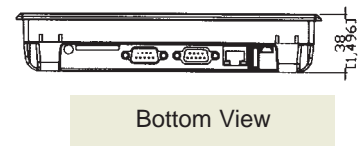
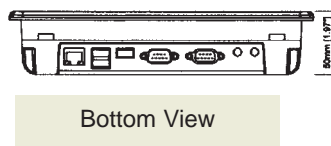
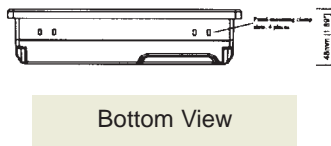
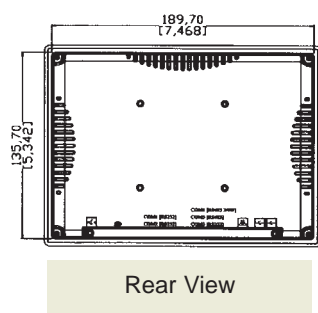
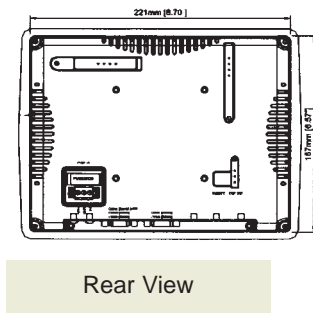
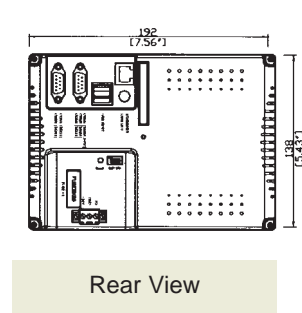
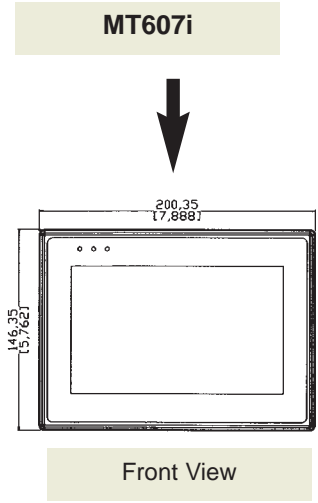
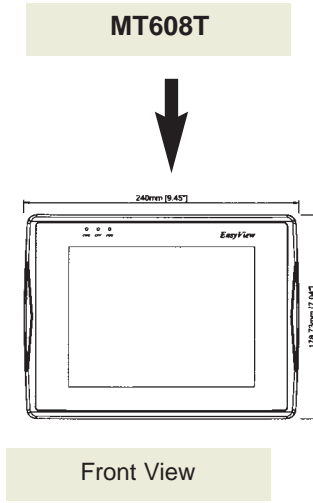
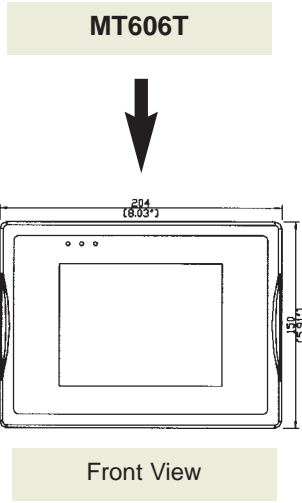
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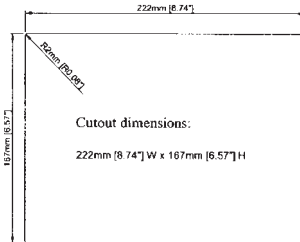
		MT610X	MT612X	MT615X
Display	Processor	500MHz (RISC)		
	OS	Windows CE/XP Embedded		
	Size/Type	10.4" TFT LCD	12.1" TFT LCD	15" TFT LCD
	Max. Colors	65536		
	Resolution	640 x 480	800 x 600	1024 x 768
	Viewing Angle	R/L : 60/60 U/D : 40/50	50/60/70/70 (T/B/R/L)	65/60/70/70 (T/B/R/L)
	Brightness (cd/m ²)	400	400	350
	Contrast Ratio	300 : 1	600 : 1	700 : 1
	Backlight	CCFL x 2		
	Backlight Avg. Life	40,000 hr	50,000 hr	
Touch Panel	Type	4-wire, Analog Resistive		
	Touch Accuracy	2mm		
Memory	DRAM on board	256MB		
	Storage	44-pin IDE Interface		
I/O Port	Serial Port	Com1 (RS232/RS485 2w/4w), Com2 (RS232), Com3 (RS232/RS485 2w)		
	Ethernet Port	10/100 Base-T x 1		
	USB Interface	USB 2.0 x 2	USB 2.0 x 3	
	Sound Output	Line Out x 1		
	Expansion	SD Card Slot	44-pin IDE Interface	
Power	Power Input	24VDC±5%		
	Power Consumption	1.25A @ 24VDC (Max.)	0.8 A @ 24VD	1 A @ 24VD
	Certificate	CE/RoHS	CE/UL (under application)/RoHS	
	IP Rating	IP65 (NEMA 4)		
	Dimensions (WxHxD)	286 x 212 x 50mm	322 x 243 x 51mm	366 x 293 x 55mm
	Weight	TBD	2.1kg (4.635lbs)	2.9kg (6.4lbs)
	Front Frame	Plastic		Aluminum
	Operating Temperature	0~45°C (32~113 F)		
Operating Humidity	10~90% @ 40°C			

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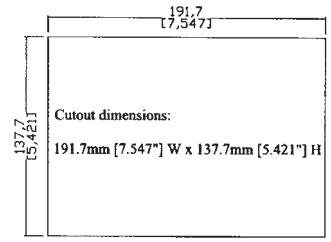
MT 600T / i



Panel cutout



Panel cutout

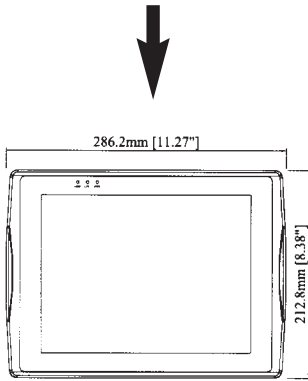


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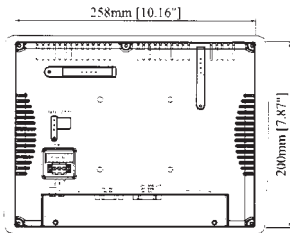
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MT 600X

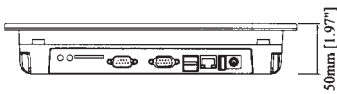
MT610X



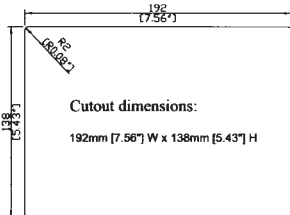
Front View



Rear View

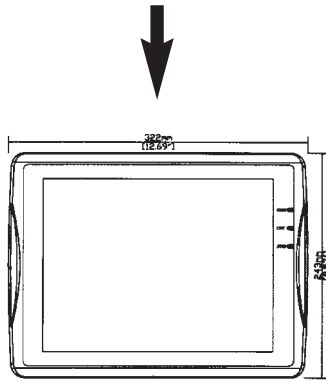


Bottom View

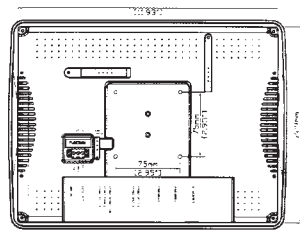


Panel cutout

MT612X



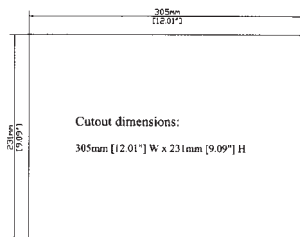
Front View



Rear View

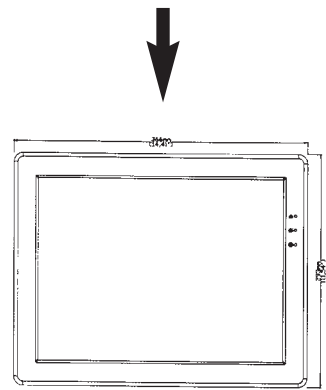


Bottom View

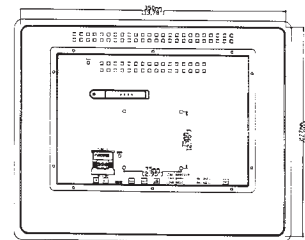


Panel cutout

MT615X



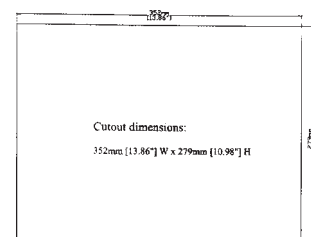
Front View



Rear View



Bottom View



Panel cutout