MT8150X

X86 CPU Core touch panel computer with 15.0" XGA TFT display



[Introduction]

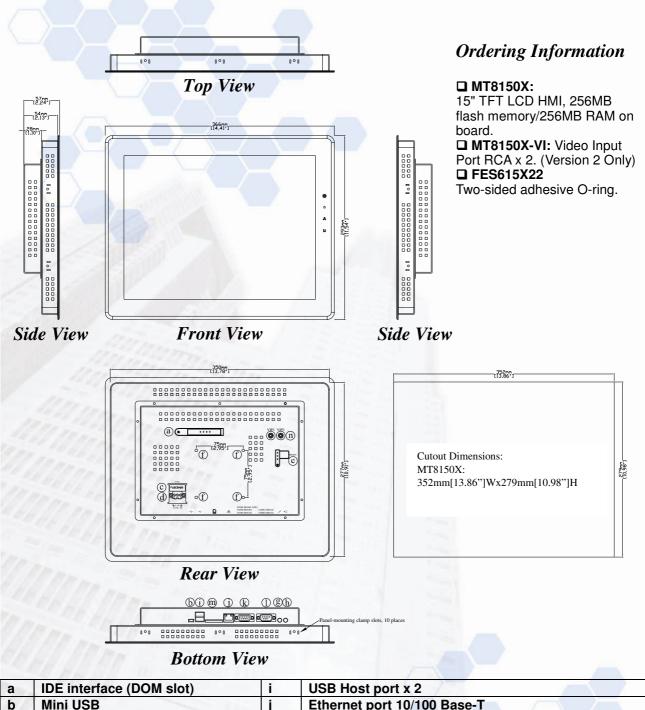
MT8000 series is the new HMI generation of Weintek. With the design concept of meeting customers' satisfaction while easy-to-Use attribute as before, a MT8000 not only performs as a Human Machine Interface but also plays as a role of data exchange center. Through the most popular Ethernet connection, data can be shared among MT8000s without limitation and any SCADA/HMI software on the PC can simply access data from MT8000s.MT8000 series is the best choice for your requirement tomorrow.

MT8150X version 2 supports MPI 187.5K

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15.0" TFT 350 cd/m² 200 cd/m² 20	Hardware Specification					
Brightness Color Color Color Soft Resolution (W x H dots) Back Light CCFL Life Time COLL Ife Time Solution (W and the sensitive type Touch Accuracy Active Area Length (X)±2%, Width (Y)±2% Surface Hardness Woleo Input Port USB Host Audio Drand Audio Line Out x 1, MIC In x 1 Processor Storage Drand Drand Drand Drand Solution S	Display					
Color						
Contrast Ratio 550:1)					
Resolution (W x H dots) 1024 x 768 Back Light						
CCFLx2						
CCFL Life Time 50,000 hr. min.						
A wires resistive type						
Active Area Length(X)±2%, Width(Y)±2% Surface Hardness						
Surface Hardness						
COM1 (RS-232/RS-485 2W/4W), COM2(RS232), COM3(RS-232/RS-485 2W), 1 Ethernet port (10/100 Base-T) Video Input Port						
2W ,1 Ethernet port (10/100 Base-T)	Surface Hardriess					
2 USB 2.0 Full Speed Host Port	I/O port	2W),1 Ethernet port (10/100 Base-T)				
Audio						
Received From Storage 256MB D.O.M 256MB D.O.M 256MB D.O.M 256MB D.O.M 256MB D.O.M 256MB D.O.M Support SDHC/SD Support SDHC/SDHC/SD Support SDHC/SD Support SDHC/SDHC/SDHC/SD Support SDHC/SD Support SDHC/SD Support SDHC/SDHC/SDHC/SDHC/SDHC/SDHC/SDHC/SDHC/	THE REPORT OF THE PARTY OF THE					
Storage 256MB D.O.M DRAM 256MB on board DDR-400MHz SDRAM SD card slot Support SDHC/SD RTC Built-in (CR2032 3V lithium battery backup.) General Specification Input Power 24±10% VDC (21.6~26.4VDC) (Power Isolator Inside.) Power Consumption 1.6 A@24VDC Complies with EN 55022: 1998+A1: 2000+A2: 2003 Class A, EN 61000-3-2: 2000+A2: 2005,EN 61000-3-3: 1995+A1: 2001, EN 55024: 1998+A1: 2001+A2: 2003 Voltage Resistance S00VAC (1 min.) Isolation Resistance Exceed 50Ω at 500VDC Vibration Endurance 10 to 25 Hz (X,Y,Z direction 2G 30mins) Protection Structure IP65 front panel (O ring seal) Storage temperature -20°~60°C (-4°~140°F) Operating Temperature 0°~50°C (32°~122°F) Operation Humidity 10-90% RH (non -condensing) Enclosure Aluminum Dimensions WxHxD 366 x 293 x 57mm Panel Cutout Dimensions Approx. 2.9 kg Operating System Operating System Operating System Operating System Operating System	Audio	Audio Line Out x 1, MIC In x 1				
256MB on board DDR-400MHz SDRAM	Processor	x86 500MHz processor				
SD card slot Support SDHC/SD RTC Built-in (CR2032 3V lithium battery backup.) General Specification Input Power 24±10% VDC (21.6~26.4VDC) (Power Isolator Inside.) Power Consumption 1.6 A@24VDC CE/FCC Complies with EN 55022: 1998+A1: 2000+A2: 2003 Class A, EN 61000-3-2: 2000+A2: 2005,EN 61000-3-3: 1995+A1: 2001, EN 55024: 1998+A1: 2001+A2: 2003 Voltage Resistance 500VAC (1 min.) Isolation Resistance Exceed 50Ω at 500VDC Vibration Endurance 10 to 25 Hz (X,Y,Z direction 2G 30mins) Protection Structure IP65 front panel (O ring seal) Storage temperature -20 ~ 60 °C (-4 ~ 140 °F) Operating Temperature 0 ~> 50 °C (32 ~ 122 °F) Operation Humidity 10-90% RH (non -condensing) Enclosure Aluminum Dimensions WxHxD 366 x 293 x 57mm Panel Cutout Dimensions 352 x 279 mm Weight Approx. 2.9 kg Operating System	Storage	256MB D.O.M				
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Power Consumption 1.6 A@24VDC Power Isolator Inside.	RTC	Built-in (CR2032 3V lithium battery backup.)				
Complex with EN 55022: 1998+A1: 2000+A2: 2003 Class A, EN 61000-3-2: 2000+A2: 2005, EN 61000-3-3: 1995+A1: 2001, EN 55024: 1998+A1: 2001+A2: 2003						
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CE/FCC CE/F	Power Consumption					
Isolation Resistance $Exceed 50\Omega$ at 500VDC Vibration Endurance 10 to 25 Hz (X,Y,Z direction $2G$ 30 mins) Protection Structure $IP65$ front panel (O ring seal) Storage temperature $-20^{\circ} \sim 60^{\circ}\text{C} (-4^{\circ} \sim 140^{\circ}\text{F})$ Operating Temperature $0^{\circ} \sim 50^{\circ}\text{C} (32^{\circ} \sim 122^{\circ}\text{F})$ Operation Humidity $10-90\%$ RH (non $-\text{condensing})$ Enclosure 100% Aluminum 100% Aluminum 100% Aluminum 100% Aluminum 100% Aluminum 100% Aluminum 100% Approx.	CE/FCC	EN 61000-3-2: 2000+A2: 2005,EN 61000-3-3: 1995+A1: 2001,				
Vibration Endurance 10 to 25 Hz (X,Y,Z direction 2G 30mins) Protection Structure IP65 front panel (O ring seal) Storage temperature -20° ~ 60°C (-4° ~ 140°F) Operating Temperature 0°~50°C (32° ~ 122°F) Operation Humidity 10-90% RH (non –condensing) Enclosure Aluminum Dimensions WxHxD 366 x 293 x 57mm Panel Cutout Dimensions 352 x 279 mm Weight Approx. 2.9 kg Operating System	Voltage Resistance	500VAC (1 min.)				
Protection Structure Protection Structure IP65 front panel (O ring seal)	Isolation Resistance	Exceed 50Ω at 500VDC				
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Storage temperature -20° ~ 60°C (-4° ~ 140°F) Operating Temperature 0°~50°C (32° ~ 122°F) Operation Humidity 10-90% RH (non –condensing) Enclosure Aluminum Dimensions WxHxD Panel Cutout Dimensions Weight Operating System	Protection Structure	IP65 front panel (O ring seal)				
Operating Temperature O ~50 °C (32° ~ 122°F) Operation Humidity 10-90% RH (non –condensing) Aluminum Dimensions WxHxD Panel Cutout Dimensions Weight Operating System Operating System	Storage temperature					
Operation Humidity Enclosure Dimensions WxHxD Panel Cutout Dimensions Weight Operating System 10-90% RH (non –condensing) Aluminum 366 x 293 x 57mm 352 x 279 mm Approx. 2.9 kg Operating System						
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Panel Cutout Dimensions 352 x 279 mm Weight Approx. 2.9 kg Operating System	Dimensions WxHxD					
Weight Approx. 2.9 kg Operating System						
Operating System						

Dimensions of MT-8150X



а	IDE interface (DOM slot)	i	USB Host port x 2
b	Mini USB	j	Ethernet port 10/100 Base-T
С	Fuse	k	Com1 RS485,Com3 RS485, Com3 RS232
d	Power connector	1	Com1 RS232, Com2 RS232
е	Reset button	m	SD CARD SLOT
f	VESA 75mm screw holes	n	Video Input Port x 2 (Version 2 Only)
g	Mic In		
h	Line Out		

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