



# HMI

*Professional In Human Machine Interface*





widescreen



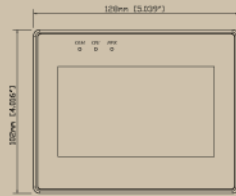
widescreen



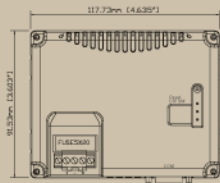
widescreen

	Model	MT6050i	MT6070iH	MT6100i
<b>Display</b>	Display	4.3" TFT	7" TFT	10" TFT
	Resolution	480x272	800x480	800x480
	Brightness (cd/m <sup>2</sup> )	500	500	300
	Contrast Ratio	600:1	500:1	500:1
	Backlight Type	LED	LED	LED
	Backlight Life Time	30,000 hr	30,000 hr	30,000 hr
	<b>Touch Panel</b>	Type	4-wire Resistive Type	
<b>Enclosure</b>		Plastic		
<b>Memory</b>	Storage (MB)	128	128	128
	RAM (MB)	64	64	64
<b>Processor</b>		RISC 400MHz	RISC 400MHz	RISC 400MHz
<b>I/O Port</b>	SD Card Slot	N/A	N/A	Yes
	USB Host	N/A	USB 1.1 x 1	USB 1.1 x 1
	USB Client	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	N/A	N/A	N/A
	COM Port	COM1 (RS232,RS485 2W/4W) COM3 (RS485 2W)	COM1 (RS232 / RS485 2W/4W), COM2 (RS232),COM3 (RS232 / RS485 2W)	
	Audio	N/A	N/A	N/A
	<b>RTC</b>		N/A	Yes
<b>Power</b>	Input Power	24±20% VDC	24±20% VDC	24±20% VDC
	Power Consumption	250mA@24V	250mA@24V	300mA@24V
<b>Specification</b>	Panel Cutout (mm)	119x93	192x138	259x201
	Weight (kg)	0.3	0.85	1.4
<b>Operation</b>	Protection Structure	IP65 front panel(O ring seal)	IP65 front panel (O ring seal)	IP65 front panel (O ring seal)
	Storage Temperature	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)
	Operating Temperature	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)

## MT6050i



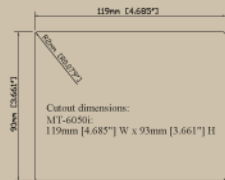
Front View



Rear View



Bottom View

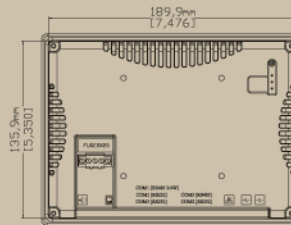


Panel Cutout

## MT6070iH



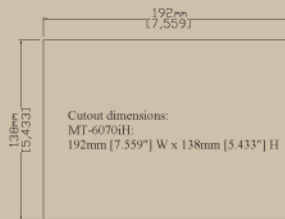
Front View



Rear View

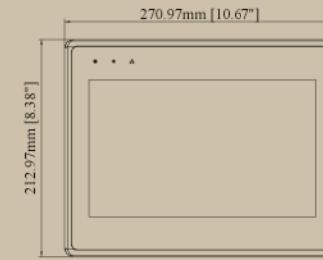


Bottom View

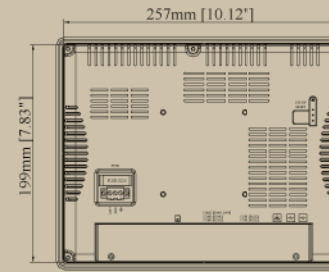


Panel Cutout

## MT6100i



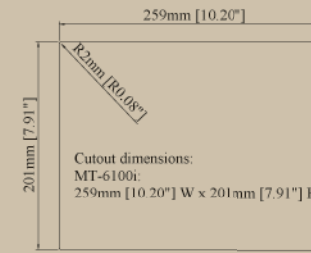
Front View



Rear View



Bottom View



Panel Cutout

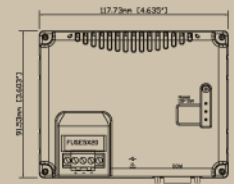


	Model	MT8050i	MT8070iH	MT8100i	MT8104iH
<b>Display</b>	Display	4.3" TFT	7" TFT	10" TFT	10.4" TFT
	Resolution	480x272	800x480	800x480	800x600
	Brightness (cd/m <sup>2</sup> )	500	500	300	300
	Contrast Ratio	600:1	500:1	500:1	500:1
	Backlight Type	LED	LED	LED	LED
	Backlight Life Time	30,000 hr	30,000 hr	30,000 hr	30,000 hr
<b>Touch Panel</b>	Type	4-wire Resistive Type			
<b>Enclosure</b>		Plastic			
<b>Memory</b>	Storage (MB)	128	128	128	128
	RAM (MB)	64	64	64	64
<b>Processor</b>		RISC 400MHz	RISC 400MHz	RISC 400MHz	RISC 400MHz
<b>I/O Port</b>	SD Card Slot	N/A	Yes	Yes	Yes
	USB Host	N/A	USB 1.1 x 1	USB 1.1 x 1	USB 1.1 x 1
	USB Client	N/A	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1
	Ethernet	10/100 Base-T	10/100 Base-T	10/100 Base-T	10/100 Base-T
	COM Port	COM1 (RS232,RS485 2W/4W) COM3 (RS485 2W)	COM1 (RS232 / RS485 2W/4W), COM2 (RS232), COM3 (RS232 / RS485 2W)		
	Audio	N/A	Yes	Yes	Yes
<b>RTC</b>		N/A	Yes	Yes	Yes
<b>Power</b>	Input Power	24±20% VDC	24±20% VDC	24±20% VDC	24±20% VDC
	Power Consumption	250mA@24V	250mA@24V	300mA@24V	400mA@24V
<b>Specification</b>	Panel Cutout (mm)	119x93	192x138	259x201	259x201
	Weight (kg)	0.3	0.85	1.4	1.6
<b>Operation</b>	Protection Structure	IP65 front panel (O ring seal)	IP65 front panel (O ring seal)	IP65 front panel (O ring seal)	IP65 front panel (O ring seal)
	Storage Temperature	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)
	Operating Temperature	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)

### MT8050i



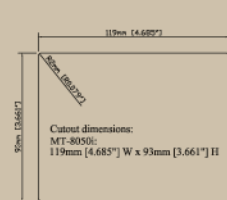
Front View



Rear View

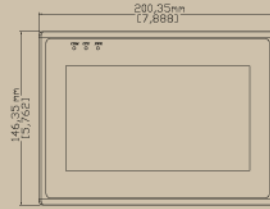


Bottom View

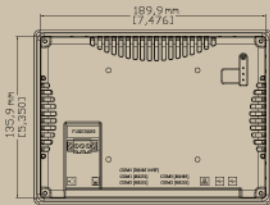


Panel Cutout

### MT8070iH



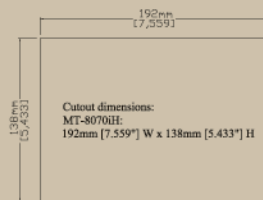
Front View



Rear View

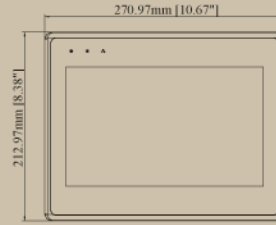


Bottom View

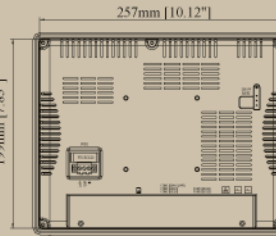


Panel Cutout

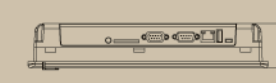
### MT8100i



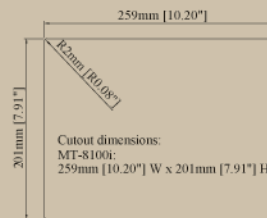
Front View



Rear View

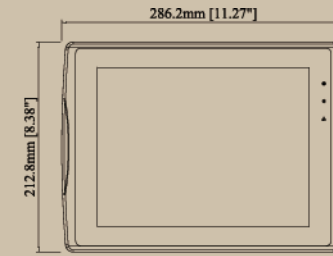


Bottom View

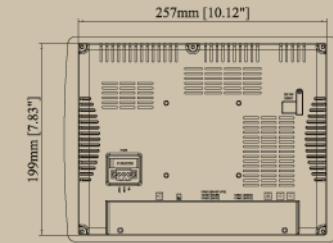


Panel Cutout

### MT8104iH



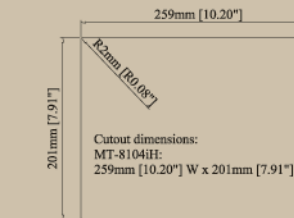
Front View



Rear View



Bottom View

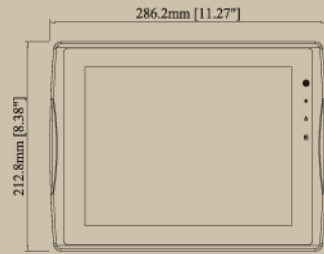


Panel Cutout

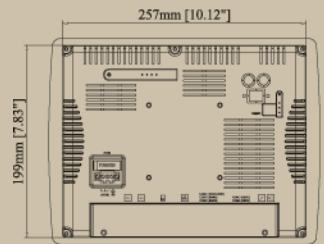


	Model	MT8104XH	MT8121X	MT8150X
<b>Display</b>	Display	10.4" TFT	12.1" TFT	15" TFT
	Resolution	800x600	800x600	1024x768
	Brightness (cd/m <sup>2</sup> )	400	400	350
	Contrast Ratio	400:1	500:1	550:1
	Backlight Type	LED	CCFL x 2	CCFL x 2
	Backlight Life Time	30,000 hr	50,000 hr	50,000 hr
<b>Touch Panel</b>	Type	4-wire Resistive Type		
<b>Enclosure</b>		Plastic	Plastic	Aluminum
<b>Memory</b>	Storage (MB)	256	256	256
	RAM (MB)	256	256	256
<b>Processor</b>		CISC 500MHz	CISC 500MHz	CISC 500MHz
<b>I/O Port</b>	SD Card Slot	Yes	Yes	Yes
	USB Host	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
	USB Client	N/A	N/A	N/A
	Ethernet	10/100 Base-T	10/100 Base-T	10/100 Base-T
	COM Port	COM1 (RS232 / RS485 2W/4W), COM2 (RS232), COM3 (RS232 / RS485 2W)		
	Audio	Audio Line Out x 1 / MIC In x 1		
	Video Input Port	NTSC / PAL RCx2 (optional) V2 only		NTSC / PAL RCx2 V2 only
<b>RTC</b>		Yes	Yes	Yes
<b>Power</b>	Input Power	24±10% VDC	24±10% VDC	24±10% VDC
	Power Consumption	1.25A@24V	1.25A@24V	1.6A@24V
<b>Specification</b>	Panel Cutout (mm)	259x201	305x231	352x279
	Weight (kg)	1.6	2.1	2.9
<b>Operation</b>	Protection Structure	IP65 front panel (O ring seal)	IP65 front panel (O ring seal)	IP65 front panel (O ring seal)
	Storage Temperature	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)	-20°~60°C (-4°~140°F)
	Operating Temperature	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)	0°~50°C (32°~122°F)

### MT8104XH



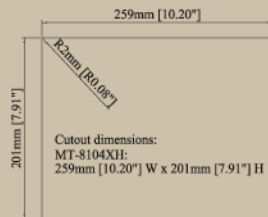
Front View



Rear View

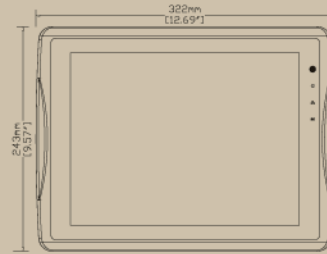


Bottom View

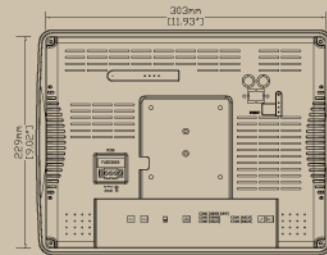


Panel Cutout

### MT8121X



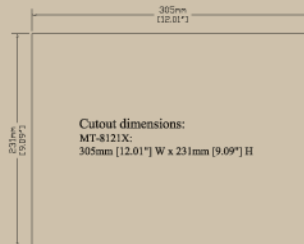
Front View



Rear View

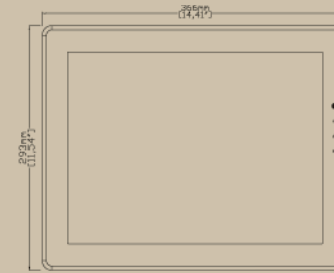


Bottom View

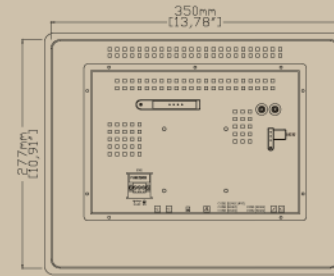


Panel Cutout

### MT8150X



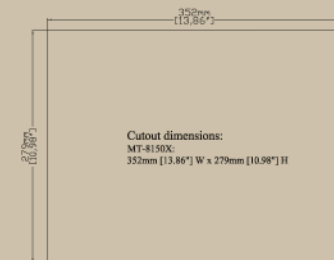
Front View



Rear View



Bottom View



Panel Cutout