

# Panel Mount Industrial Display



MITSUTECH  
INTERNATIONAL CORP

12.1" Industrial LCD Monitor

12.1" Industrial LCD Touch Monitor



#### Capacitive & Resistive Touch Screen

MTK1200V/TC is capacitive, responding only to human finger touch, making it ideal for ticket machines, kiosk and other applications.

MTK1200V/TR is resistive, reacting to pressure, making it ideal for cash registers and POS applications.

#### Power saving and Low emissions

This LCD monitor consumes only 30 watts and the metal EMI cover make electromagnetic wave emissions are far lower than CRT displays.

#### Easy Integration

The compact LCD monitors integrate easily into interactive kiosks. The metal chassis is ideal for industrial environments and reduce the redesigned Kiosk around monitor changes.

#### Composite function

MITSUTECH offers industrial LCD monitors with composite video signal input **NTSC/PAL** or **SECAM** and Video signal output. They are easy to install in security, presentation and other systems.

■ MTK1200V MTK1200V/Tc MTK1200V/Tr

## ■ Specifications

Model		MTK1200V/Tr	MTK1200V/Tc	MTK1200V
LCD	Screen Size	12.1" (30.7 cm) Diagonal.		
	Panel Type	TFT active matrix		
	Number of Pixel	800 x 600(SVGA)		
	Pixel Pitch	0.3075mm x 0.3075mm		
	Display Area (W x H)	9.68" x 7.26" (246.0 x 184.5 mm)		
	Colors	256K		
	Brightness	150cd/m <sup>2</sup>		
	Contrast	100:1 (Min.)		
	Response Time	50ms (Max)		
Input Signals	Video Signal	RGB Analog, 0.714 Vp-p, 75 Ω		
	Synchronization	VGA-SVGA, NTSC/PAL/SECAM		
	Horizontal Frequency	25 ~ 53 KHz,		
	Vertical Frequency	56.0 ~ 85 Hz		
Connector	Video Signal	15-pin D-SUB		
	NTSC/PAL Video-in	RCA Connector x 2; S-Video connector x 1		
	NTSC/PAL Video-out	RCA Connector x 1		
External Control	Switch	Power Switch, Choice of Input Ports,		
	On-Screen Display	Brightness, Contrast, Color Control(R/G/B), Phase, Audio Control, Horizontal Size, Horizontal Position, Vertical Position, Auto Adjustment, Expansion, Recall, Reset, OSD Menu Position, OSD Language (English, Japanese)		
Touch Panel	Type	Resistive	Capacitive	
	Electrical Resolution	4096 x 4096	1024 x 1024	
	Response Time	15 ms	15ms	
	Communication System	Serial RS232	Serial RS232	
	Durability	Over 10 million times	Over 20 million times	
Environment	Temperature	Operating: 10°C to +35°C Storage: -20°C to +60°C		
	Humidity	10~90%RH (Non Condensing)		
Power Supply	Input AC100-240V 50/60 Hz, Output: DC 12V			
Power Consumption	30W(Max.) Stand by: 4W (Max.)			
Power Management	VESA DPMS			
Physical	Dimensions (W x H x D)	13.0" x 10.0" x 2.0" (350 x 240 x 37mm)		
	Weight	15.4 Lbs. (7kg)		
Plug & Play	DDC2B (VESA Standard)			
Accessories	AC Adapter & Cord, RGB Cable, Video Cable			
Warranty	1 year on Parts and Labor			

Design and Specifications are subject to change without prior notice

