

ITM-5112

12" SVGA Industrial LED Monitor with Fully Flat Resistive Touchscreen

NEW



Features

- 12.1" Mitsubishi SVGA LED backlight panel provides 20 ~ 30% power savings
- -20° C ~ +60° C wide range operating temperature
- Easy-clean 5-wire resistive touch plane
- VGA & DVI interface
- Peripheral connectors in frame rail design
- Simple, elegant design with IP54 front panel protection
- Supports panel, wall, desktop, and swing-arm VESA mounting
- Combo RS-232 & USB interface for touchscreen function
- Optional ARK-1500-series Box PC in rear AD box for all-in-one, total solution

Introduction

ITM-5112 is a 12" LED TFT-LCD touchscreen monitor specifically designed for industrial applications. It's a stable, rugged display with VGA & DVI interface. The simple, yet elegant flat plane design provides for easy cleaning, and the Box PC-plus-monitor option offers added flexibility.

Specifications

Display	Size	Mitsubishi industrial grade 12.1" panel with LED backlight	
	Resolution	800 x 600 (SVGA)	
	Viewing Angle	-80°~80° (H), -60°~80° (V)	
	Brightness	450 (cd/m ²)	
	Color Support	16.7M / 262K colors	
	Contrast Ratio	800	
	Response Time	12 [msec]	
	Lamp Life (hrs)	60,000 hrs	
Touchscreen	T/S Type	5-Wire Resistive Touch Window	
	Surface Hardness	3H	
	Durability	Silicone rubber finger touching 2 times per second, 250 g per touch. Durability: 36 million touches	
Environment	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)	
	Storage Temperature	-30 ~ 70° C (-22 ~ 158° F)	
	Humidity	5 ~ 95% @ 40° C, non-condensing	
	Shock	10G peak acceleration (11 ms duration)	
	Front panel	IP54	
System	IO	M series	VGA x 1; DVI-D x 1; 12 V _{DC} Jack x 1; USB x1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
		L series	I-Panel link x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to PC usage)
		C series	USB x 4, GbE x 2, RS-232 x 3, VGA x 1, CF card slot x 1, 12-24 V _{DC} Jack x 1, Audio line-out x 1
		P series	USB x 4, GbE x 2, RS-232 x 3, VGA x 1, CF card slot x 1, 12 V _{DC} Jack x 1, Audio line-out x 1 (plugged with ARK-1503)
	OSD	M series	Keys: Menu, Up, Down, Enter, Monitor Power on/off Menu Functions: Brightness, Volume, Contrast, Clock Phase, Horizontal Position, Vertical Position, Sharpness
		L series	Keys: Brightness Up, Brightness Down, Monitor Power on/off, PC Power on/off
	Power		60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output
EMC Compliance		CE/FCC/CCC/BSMI	
Safety		CB/UL/CCC/BSMI	

