

MIM-108/128 (T)-P MIM-108/128 (T)-P



10.4" / 12.1" SVGA PanelLink Industrial TFT Panel Display



Introduction

The compact MIM-108/128-P, new PanelLink-technology-based TFT flat panel monitors are designed for rugged, space-limited, and high-use industrial environments. The NEMA 4/12 waterproof and dust-resistant front panel is ideal for the factory floor, ATM's, telephony, communication systems and other high-traffic, harsh environmental applications.

The MIM-108/128-P includes a 10.4"/12.1" TFT flat panel display capable of 800x600 resolution, 256-colors, and can be placed up to 8 meters from the controller. The small footprint of the bezel allows it to be used in areas where space is at a premium. With the touch screen option, this lets you to eliminate the need of keyboard or keypad in certain applications; in addition, the special designed handles are more convenience for wall mounting. Options include a 1024x1024-resolution glare, resistive pressure touch screen as well as a variety of cable lengths.

Features

- Heavy-duty aluminum chassis with NEMA 4/12 front panel.
- Built-in 10.4" (MIM-108) / 12.1" (MIM-128) color TFT LCD with 800x600 resolution and dual backlight.
- Two VR knobs for brightness/impedance adjustment and external AT keyboard connector on rear of display.
- Optional glare resistive pressure touch screen with 1024x1024 resolution.
- Default with PCI-bus or optional ISA-bus PanelLink-interfaced SVGA display card that supports LCD panel and CRT-based monitors simultaneously.
- Up to 8 meter driving capability, cables available in lengths of 2M, 4M, 6M or 8M.

Specifications

Housing	
Construction	Heavy-duty aluminum chassis with NEMA 4/12 front panel
Installation	Panel / Wall Mounting
Dimensions: MIM-108 MIM-128	344 x 260 x 65.5mm (L x H x D) 397 x 295 x 52mm (L x H x D)
Weight: MIM-108 MIM-128	2.5KG 3.5KG
I/O Ports	One 40-pin PanelLink interface, One 5-pin KB connector, Two VR knobs for panel brightness and impedance adjustment
TFT Display	
Panel Type: MIM-108 MIM-128	TOSHIBA LTM10C273 10.4" TFT Color LCD panel with dual backlight TOSHIBA LTM12C275 12.1" TFT Color LCD panel with dual backlight
Resolution	800 x 600 pixels
Display Colors	256K Colors
Display Area: MIM-108 MIM-128	211.2 x 158.4 mm 246.0 x 184.5 mm
Pixel Pitch: MIM-108 MIM-128	0.264 mm (H) x 0.264 mm (V) 0.3075 mm (H) x 0.375 mm (V)
Pixel Arrangement	RGB vertical stripes
Backlight	Twin cold-cathode fluorescent lamp for side-lighting
Luminance	250 (Max.) cd/m ²
MTBF: Module Lamp	50,000 hrs. 25,000 hrs.
Touch Screen Panel (Optional)	
Panel Type: MIM-108 MIM-128	ELO E2740HL-683 ELO E2740HL-792 Glare, glass-plastic resistive type which meets durability against oil and water

Resolution	1024 x 1024 pixels
Active Touch Area: MIM-108 MIM-128	164 x 8.5mm (H x W) 187 x 249mm (H x W)
Light Transmission	Typically 75% at 550 nm wavelength
Position Accuracy	Error less than ± 0.080"
Durability	3 million touches
Operating System	MS-DOS/WINDOWS
Connection Port	RS-232
Display Control Card	
Resolution: MPC-108-P/ISA-2 (ISA-Bus) MPC-108-P/PCI-2 (PCI-Bus)	Both LCD/CRT controller support true-color and hi-color up to 800 x 600 resolution with PanelLink interface
Display Memory	On-board 2MB DRAM
Voltage of Panel Interface Bus	Selectable of 5.0V or 3.3V
I/O Ports	PanelLink interface, VGA and K/B ports
Driver Utility	Supports WIN 31, WinNT 3.51, WinNT 4.0, WIN 95, and O/S 2
Driving Capability	On-board PanelLink interface supports cables up to 8 meter
Display Cable	
Feature	High quality, low impedance display cable with shielding
Cable Length	2, 4, 6 or 8 meter (optional)
Environmental Specifications	
Operating Environment	0°- 50°C (32°-122°F)
Storage Temperature	-20°- +60°C (-4°-140°F)
Humidity	10%-90% RH, 40°C, non-condensing
Vibration	0.25g P-P at 5 – 15Hz (Operating) 2.5g P-P at 15 to 500Hz (Storage)
Shock	10G peak acceleration (11 ms duration)
EMI	FCC class A, and CE approved

PanelLink TFT Display	
MIM-108(T)-P	10.4" SVGA PanelLink Industrial TFT Panel Display, (T) Touch screen option
MIM-128(T)-P	12.1" SVGA PanelLink Industrial TFT Panel Display, (T) Touch screen option
MIM Display Card for PanelLink	
MPC-108-P/ISA-2	PanelLink ISA-Bus SVGA display card with 2MB DRAM
MPC-108-P/PCI-2	PanelLink PCI-Bus SVGA display card with 2MB DRAM, default option
MIM Display Cable for PanelLink	
MIM-PLINK-DCX	X: 2*/4/6/8 meter display cable, * default option

Note: Specification is subject to change without notice.



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