



Features

- 12.1" XGA TFT LCD Panel support 1024x768 pixels,450 cd/m2 brightness
- 6mm Aluminum bezel panel with touch screen/strengthen glass
- Rugged construction and modularized design
- VGA + DVI + AUDIO Input signal(AV optional)
- 2 x stereo speakers for industrial automation system voice output
- OSD control keys to optimize the display
- AC 100-240V wide range external ac adapter
- NEMA4 / IP 65 compliant front panel
- Panel (Flush) mount with bracket or standard VESA hole (100x100 mm) supports desktop stand / wall mount/ swing arm mount

Specifications

TFT characteristics

Display Type	12.1" XGA TFT LCD
Resolution	1024x768
Max.color	16.7M
Luminance	450 cd/m2
View Angle	140°(H) , 110°(V)
Pixel Pitch	0.3075 x 0.3075 mm
Contrast Ratio	500 : 1
Response Time	8 ms
LCD MTBF	50,000hrs

Mechanical and Environmental

Construction	Heavy duty steel and aluminum front panel
Dimensions (WxHxD)	320 x 258.5 x 42 mm
Weight	Net: 4.5kg , Gross:6.0 kg
Operating temperature	0 °C to 50 °C
Storage temperature	-20 °C to 60 °C
Storage humidity	10% to 90% non-condensing
Anti-Vibration	17HZ-500 HZ 1G PTP
Anti-Shock	1G / peak(11m sec)

Available Options

Touch screen	Resistive Type with USB and RS232 controller
DC Power Input	Wide Range 8~30v DC input
AV input	Composite video/audio, S-video input

Input Signals

RGB Signal	D-SUB 15P Connector (female)
DC input	DC Jack (2.1mm)
Video input (option)	RCA Connector
S-Video signal (option)	S-Video (SVHS)plug
DVI-D Signal	DVI-D input 24pin connector (female)
Touch screen RS232 (option)	D-SUB 9p connector (female)
Touch screen USB (option)	USB-A type connector (female)

Power Specifications

Input	100~240VAC,50/60Hz
Output	DC12V@ 5A / 60W ,external ac adapter

Ordering information

VGA + DVI input

IDM-12	12.1" Industrial LCD Panel Monitor with VGA + DVI + Audio input
IDM-12TC	12.1" Industrial LCD Panel Monitor with VGA + DVI + Audio input, with touch screen and RS232 controller
IDM-12TU	12.1" Industrial LCD Panel Monitor with VGA + DVI + Audio input, with touch screen and USB controller

AV input

IDM-12A	12.1" Industrial LCD Monitor with VGA + DVI + Audio + S-Video + Video input or BNC input
IDM-12ATC	12.1" Industrial LCD Monitor with VGA + DVI + Audio + S-Video + Video input or BNC input, with touch screen and RS232 controller
IDM-12ATU	12.1" Industrial LCD Monitor with VGA + DVI + Audio + S-Video + Video input or BNC input, with touch screen and USB controller

Power Supply

DC-DC Power	DC 8 ~ 30v input power module
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Dimensions Diagram

