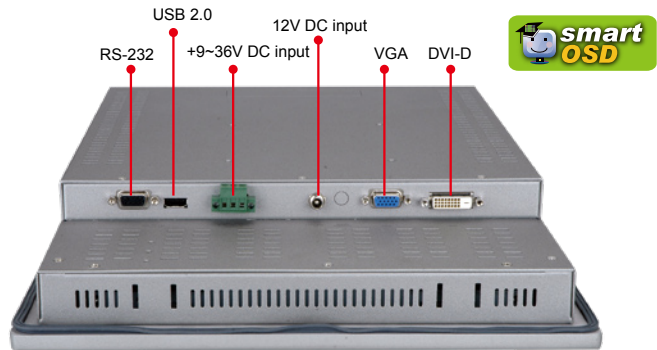


TDM-121/150GMS

12.1"/15" Wide Range Temperature TFT LCD Monitor



Features

1. Wide operating temperature: -30°C~+70°C
2. 12.1" XGA high resolution
3. Superior image
4. M models support 9~36V DC power input for mobile application
5. DVI-D and analog VGA input interface for comprehensive usage
6. IP 65 compliant

Specifications

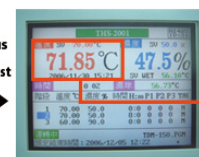
Model	TDM-121GMS	TDM-150GS
LCD Size	12.1"	15"
Input Interface	Analog VGA + DVI-D	Analog VGA + DVI-D
Max. Resolution	1024 x 768	1024 x 768
Brightness (cd/m ²)	500	450
Contrast Ratio	700 : 1	700 : 1
Display Color	262K	16.2M
Pixel Pitch (mm)	0.3075	0.297
Viewing Angle (H/V)	160/160	160/160
Touch Screen	Resistive Type 8-Wire	
Front Frame	Aluminum	Aluminum
Chassis	Heavy-duty	Heavy-duty
Input Voltage	9-36VDC	9-36VDC
OSD Function	Yes	Yes
Smart OSD	Yes	Yes
Mounting	Wall / Panel / Rack / Arm Stand / VESA 100mm x 100mm	
Color	Sliver	
Dimensions (W x H x D mm)	340 x 260 x 58	410 x 309 x 55.1
Operating Temperature	-30°C~70°C	
Front Panel Protection	IP65	
Net Weight	3.3 kgs	6 kgs

IEI Strict Design Quality Verification

Typical monitors can only be used in environments that have temperatures in the range of 0°C to 50°C. Extended IEI environmental testing is performed to ensure the TDM series continues to function properly over its entire service life in a wide working temperature range of -30°C to +70°C. After being tested in the -30°C to +70°C temperature range, the TDM series was found to maintain its original luminance.

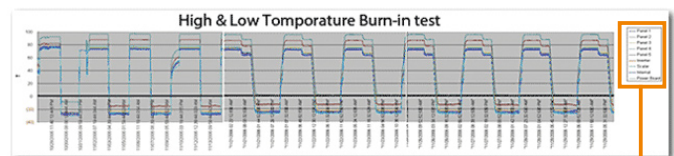


IEI In House Burn-In Testing Laboratory



Burn-In Testing Setting

To assure the TDM can function properly in harsh working environment, the internal temperature of test chamber was set in the range -30°C to +70°C



Burn-In Testing Report

Nine thermocouples record all the temperature variations during the burn-in test and the TDM monitor functions during the test.

■ 12.1" XGA Resolution: 1024 x 768

The TDM-121GMS supports higher resolutions and smaller pixel pitches (0.24mm versus 0.24mm) to deliver great computer displays.



TDM-121GMS



■ High Brightness: 450 cd/m²

With a luminance of 450 cd/m², the TDM series offers an improvement over the 250 to 300cd/m² luminance typically available with other 12.1-inch TFT LCD modules. The high-brightness feature ensures the screen content is highly visible in all lighting conditions



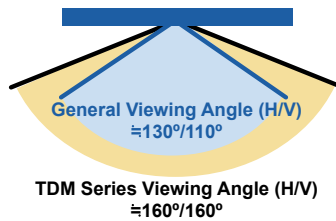
Normal Brightness



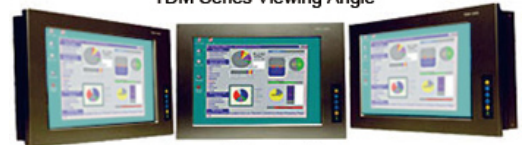
High Brightness

■ Wide Viewing Angle: 160°

Typical small-size monitors only support 130°/110° (H/V) viewing angle, but IEI TDM series can support viewing angle up to 160°/160° (H/V). Viewing angle remains the screen brightness and reduces the possibility of color change when you view the monitor from the side.



TDM Series Viewing Angle



General Viewing Angle

Mounting Kits

	TDM-121GMS	TDM-150GMS
Panel Mount Kit	PK-170M	PK-170M
Wall Mount Kit	WK-190MS-R10	WK-190MS-R10
Stand	STAND-100-RS	STAND-200-R11
Arm	ARM-11-RS	ARM-31-RS
Rack Mount Kit	RK-121MS-R10	RK-150MS-R10

Packing List

Description	Part Number	Remark
1 x AC power cable	32000-089900-RS	Length:1800mm (EU or US, Which type of cord is shipped depends on the contry)
1 x VGA cable	32000-036200-RS	Length:1800mm
1 x 36W AC power adapter	63000-FSP036RAB610-RS	Operating Temperature : 0°C~ +40°C
1 x User manual		
1 x Power cable for terminal block	32100-041001-RS	For M model only
1 x Touch screen RS-232 Cable / USB Cable / Driver CDROM	RS-232 Cable:32005-001100-100-RS USB Cable:32001-006100-100-RS	Length:1800mm Length:1500mm
1 x Touch Pen	43125-0002C0-RS	

Ordering Information

Part No.	Description
TDM-121GMS/R-R20	12.1" 500cd/m ² XGA LCD monitor, Aluminum front panel, W/12.1" touch screen, 9~36V input DC input, -30°C ~ +70°C operating temperature, R20, RoHS
TDM-150GMS/R-R20	15" 450cd/m ² XGA LCD Monitor, Aluminum front panel, W/15" touch screen, 9~36V input DC input, -30°C ~ +70°C operating temperature, R20, RoHS