

DM121G / 150G /170G Panel Rack Mount Industrial Monitors



12.1", 15" & 17" LCD Monitors Offering IP65 & RoHS Compliance

The DM and SRM Series of LCD panels offer solutions in three sizes: 12.1", 15", 17" and 18.1". These monitors are available with optional touch screen technology and can be configured for standard 19" rack mounting using an optional rack mount kit. The SRM Series offers ultra-brightness for use in outdoor, sun-light areas.

Features:

- Aluminum front panel meets IP65 standards to protect against dust and splash in harsh environments
- Analog VGA & DVI input interface support
- Robust steel chassis protects against shock & vibration
- 300 NITTS high brightness
- Long life 50000 hours MTBF
- Advanced thermal air flow design
- Models for AC or 9~36V DC power
- Optional RS-232 interface touch screen
- RoHS Compliant



Specifications

Display

Panel Type: M170EG01, SXGA TFT LCD

LCD Size: 12.1", 15" & 17"

Max. Resolution: 1280 x 1024

Brightness: 300 cd/m²

Pixel Pitch: 0.264 mm

LCD Color: 16.2 M

Viewing Angle: 140 (H), 130 (V)

Contrast Ratio: 500:1

Backlight: 4CCFL

LCD MTBF: 50000 hours

Backlight MTBF: 30000 hours

Touch Screen (Optional)

Type: Analog resistive 5-wire or 8-wire

Resolution: 4096 x 4096 dpi (controller resolution)

Position Accuracy: Less than 1.5%

Light Transmission: Anti-glare type: 78% to 90%

Input Method: Finger, stylus or gloved hand

Temp. (operating): -10 to 60° C (8-wire: -40 to 85° C)

Temp. (storage): -20 to 70° C (8-wire: -40 to 85° C)

Surface Hardness: 3H and above per JIS K5400

Electrostatic Protection: Touch panel: 30KV (contact air),

Controller: 20KV (contact air)

Lifetime: 10 million touches for 5-wire models)

Supported: Windows XP 2000, ME, 98, CE

LCD Input Interface: Analog, VGA & DVI-D input

Construction: Aluminum front panel, steel chassis

OSD Control Key: Front panel on screen display

Mounting: Panel, wall, rack mount & VESA 100 arm stand

I/O: One each USB, DVI, VGA, COM

Power Supply: 45W AC input

Color: Silver

Environment: Oper. Temp: 0~50° C

Humidity: 5~95%, non-condensing

Shock: 10G acceleration peak-to-peak

All specifications are subject to change without notice.

DM121G / 150G /170G Panel Rack Mount Industrial Monitors (continued)

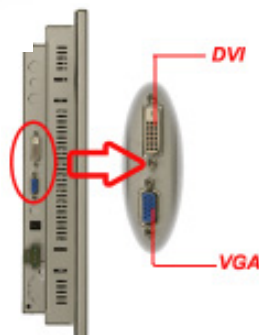


12.1", 15" & 17" LCD Monitors Offering IP65 & RoHS Compliance

Model	DM-121G	DM-150G	DM-170G
Display Area	12.1"	15"	17"
Display Type	VGA + DVI-D	VGA + DVI-D	VGA + DVI-D
Max. Resolution	800 x 600	1024 x 768	1280 x 1024
Brightness (cd/m ²)	400	350	300
Contrast	500:1	400:1	500:1
LCD Color	262K	262K	16.2M
Pixel Pitch (mm)	0.3075	0.297	0.264
Front Frame Material	Aluminum	Aluminum	Aluminum
Chassis Material	Heavy-duty steel	Heavy-duty steel	Heavy-duty steel
View Angle (H / V)	140/110	120/100	140/130
OCD Function	Yes	Yes	Yes
Mounting	Wall/Panel/Rack/Arm	Wall/Panel/Rack/Arm	Wall/Panel/Rack/Arm
Exterior Color	Silver	Silver	Silver
Power Adapter	45W	45W	45W
LCD MTBF	50,000 hours	50,000 hours	50,000 hours
Backlight MTBF	30,000 hours	30,000 hours	30,000 hours
Dimension	340 x 260 x 58 mm	410 x 309 x 65.1 mm	452 x 356.5 x 65.2 mm
Weight (Net / Gross)	3.8kg / 6kg	6kg / 8.9kg	8.6kg / 12.2kg
Operating Temperature	0° ~ 50°C	0° ~ 50°C	0°~ 50°C
Front Panel Protection	IP65	IP65	IP65
RoHS Compliant	Yes	Yes	Yes
Touchscreen (Optional)	Resistive touch	Resistive touch	Resistive touch



Monitors in the DM-Series can be panel mounted, rack mounted (via optional bracket) or mounted using any VESA standard arm.



Both analog and DVI-D inputs are standard on all DM-Series models.

Ordering Information

DM-121XXX, DM-150XXX, DM-170 XXX

XXX = the following:

GS = Standard AC Models

GMS = 9 ~ 36 V DC Models

GS/T-R = Standard AC Models with Resistive Touch

GMS-TR = 9 ~ 36 V DC Models with Resistive Touch

Option:

CB-DVI-D-RS (DVI-D male to DVI-D male single link cable, 200cm)

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