

# DM Series

6.5"~19" IP 65 industrial monitors, Robust, Shock Resistance and OSD Function

1 Automation

2 Point of Service

3 Digital Signage

4 RISC-based Solutions

5 Medical Solutions



## Features

1. Aluminum front panel meets IP65 standard for tough working environment
2. Optional RS-232 interface touch screen
3. Robust chassis and retention kit structure for shocking and vibration requirement
4. Over 300cd/m<sup>2</sup> high brightness and 50000hrs MTFB long lifetime panel
5. Analog VGA interface supports most of general system boards
6. M models support 9~36V DC power input for mobile application



Model	DM-65GHS	DM-84GHS	DM-104GHS	DM-121GSDM-121GXS	DM-150GS	DM-170GS	DM-190GS
LCD Size	6.5"	8.4"	10.4"	12.1"	15"	17"	19"
Input Interface	Analog VGA	Analog VGA	Analog VGA	Analog VGA + DVI-D			
Max Resolution	640 x 480	800 x 600	800 x 600	800 x 600/ 1024 x 768	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m <sup>2</sup> )	500	400	400	400 / 450	350	300	300
Contrast Ratio	550 : 1	450 : 1	500 : 1	500 : 1 / 700 : 1	400:1	500:1	700:1
Display Color	262K	262K	262K	262K	262K	16.2M	16.2M
Pixel Pitch (mm)	0.207	0.213	0.264	0.3075 / 0.240	0.297	0.264	0.294
Front Frame	Aluminum						
Chassis	Heavy-duty steel	Heavy-duty steel					
View Angle (H/V)	140/120	120/100	120/100	140/110	160/160	120/100	140/130
Input Voltage	12VDC	12VDC or 9-36VDC					
OSD function	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smart OSD	Yes						
Mounting	Wall/Arm/Din/ Panel/Rack	Wall/Panel/Rack/Arm (100x100)/Stand					
Color	Silver						
Dimension (W x H x D mm)	183 x 143 x 41	244 x 178 x 49	312 x 242 x 53	340 x 260 x 58	410 x 309 x 55.1	452.0 x 356.0 x 65.2	482 x 399 x 73
Operating Temperature	0~50°C						
Front Panel Protection	IP65						
Net Weight	1 kg	1.8 kgs	3 kgs	3.8 kgs	6 kgs	8.6 kgs	10 kgs
Power Adapter	25W, 63000-UP0251E12PL02-RS			45W, 63000-UP0451E12P81L-RS			

## Mounting Kits Information

	DM-65GS	DM-84GS	DM-104GS	DM-121GS	DM-150GS	DM-170GS	DM-190GS
Panel Mount Kits	PK-65M	PK-84M	PK-104M	PK-170M			PK-190M
Wall Mount Kits	WK-065MS-R10			WK-190MS-R10			
Rack Mount Kits	RK-065MS-R10	RK-084MS-R10	RK-104MS-R10	RK-121MS-R10	RK-150MS-R10	RK-170MS-R10	RK-190MS-R10
Din Mount Kits	DK-84MS			N/A			
LCD Monitor Arm	ARM-11				ARM-31		
LCD Monitor Stand	STAND-100-RS/STAND-150-RS				STAND-210-RS		

## Packing List

Description	Remark
1 x AC power cable	
1 x VGA cable	
1 x 45W AC power adapter	For DM-121GS / 150GS / 170GS / 190GS series
1 x 25W AC power adapter	For DM-65GS / 84GS / 104GS series
1 x User manual	
1 x Power cable for terminal block	For M model only
1 x Touch screen RS-232 Cable / Touch Pen / Driver CDROM	For T-R model
1 x Touch screen USB Cable / Touch Pen / Driver CDROM	For USB/T-R model

## Ordering Information

Part No.	Description	
DM-65GHS/T-R	6.5" 500cd/m <sup>2</sup> High luminance VGA LCD monitor with VGA, Aluminum front panel, Silver color, W/8.4" Touch screen, RoHS	
8.4"	DM-84GHS-R12/T-R	8.4" 400cd/m <sup>2</sup> High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen,RoHS
	DM-84GHMS-R12/T-R	8.4" 400cd/m <sup>2</sup> High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, 9~36V DC input, RoHS
10.4	DM-104GHS-R12/T-R	10.4" 400cd/m <sup>2</sup> High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, RoHS
	DM-104GHMS-R12/T-R	10.4" 400cd/m <sup>2</sup> High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, 9~36V DC input,RoHS
12.1"	DM-121GS-R11/T-R	12.1" 400cd/m <sup>2</sup> SVGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-121GMS-R11/T-R	12.1" 400cd/m <sup>2</sup> SVGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, 9~36V DC input, RoHS
	DM-121GS-USB-R11/T-R	12.1" 400cd/m <sup>2</sup> SVGA LCD monitor, Aluminum front panel, Silver color, W/12.1" USB Touch screen, RoHS
	DM-121GMS-USB-R11/T-R	12.1" 400cd/m <sup>2</sup> SVGA LCD monitor, Aluminum front panel, Silver color, W/12.1" USB Touch screen, 9~36V DC input, RoHS
	DM-121GXS-R11/T-R	12.1" 450cd/m <sup>2</sup> XGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-121GXMS-R11/T-R	12.1" 450cd/m <sup>2</sup> XGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, 9~36V DC input, RoHS
	DM-121GXS-USB-R11/T-R	12.1" 450cd/m <sup>2</sup> XGA LCD monitor, Aluminum front panel, Silver color,W/12.1" USB Touch screen, RoHS
	DM-121GXMS-USB-R11/T-R	12.1" 450cd/m <sup>2</sup> XGA LCD monitor, Aluminum front panel, Silver color, W/12.1" USB Touch screen, 9~36V DC input, RoHS
15"	DM-150GS-R11/T-R	15" 350cd/m <sup>2</sup> XGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-150GMS-R11/T-R	15" 350cd/m <sup>2</sup> XGA LCD monitor, Aluminum front panel, Silver color, W /Touch screen,9~36V DC input, RoHS
	DM-150GS-USB-R11/T-R	15" 350cd/m <sup>2</sup> XGA LCD monitor,Aluminum front panel, Silver color, W/15" USB Touch screen, RoHS
	DM-150GMS-USB-R11/T-R	15" 350cd/m <sup>2</sup> XGA LCD monitor,Aluminum front panel, Silver color, W/15" USB Touch screen, 9~36V DC input, RoHS
17"	DM-170GS-R11/T-R	17" 300cd/m <sup>2</sup> SXGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-170GMS-R11/T-R	17" 300cd/m <sup>2</sup> SXGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, 9~36V DC input, RoHS
	DM-170GS-USB-R11/T-R	17" 300cd/m <sup>2</sup> SXGA LCD monitor,Aluminum front panel, Silver color,W/17" USB Touch screen, RoHS
	DM-170GMS-USB-R11/T-R	17" 300cd/m <sup>2</sup> SXGA LCD monitor,Aluminum front panel, Silver color, W/17" USB Touch screen,9~36V DC input, RoHS
19"	DM-190GS-R11/T-R	19" 300cd/m <sup>2</sup> SXGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-190GMS-R11/T-R	19" 300cd/m <sup>2</sup> SXGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen,9~36V DC input, RoHS
	DM-190GS-USB-R11/T-R	19" 300cd/m <sup>2</sup> SXGA LCD monitor,Aluminum front panel, Silver color, W/19" USB Touch screen, RoHS
	DM-190GMS-USB-R11/T-R	19" 300cd/m <sup>2</sup> SXGA LCD monitor,Aluminum front panel, Silver color, W/19" USB Touch screen,9~36V DC input, RoHS

Note: The smartOSD function is only supported by revision 11 models and above