

DM Series

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



Features

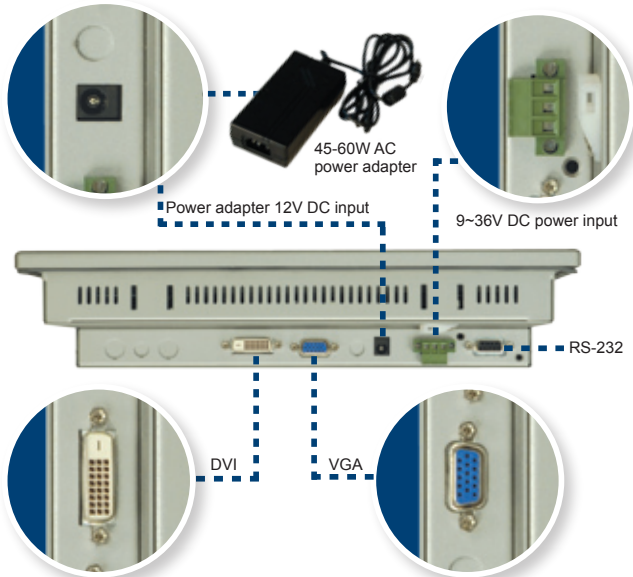
1. Aluminum front panel meets IP65 standard for tough working environment
2. Optional RS-232 interface touch screen
3. Robust chassis and retention kit structure for shocking and vibration requirement
4. Over 300cd/m² high brightness and 50000hrs MTFB long lifetime panel
5. Analog VGA interface supports most of general system boards
6. M models support 9~36V DC power input for mobile application



DM Advanced Features

Support analog VGA or DVI input

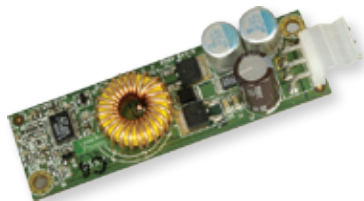
DM series support both analog VGA and DVI input. DVI (Digital Video Interface) is a replacement for the P&D, Plug & Display, standard, and a step up from the digital-only DFP format for older flat panels. DVI is becoming increasingly popular with video card manufacturers, and most cards purchased include both a VGA and a DVI output port.



Optional: CB-DVI-D
DVI-D(M) to DVI-D(M)
Length: 200cm

M models support 9~36V DC power input for mobile application

DM M models support 9~36V DC power input. Factories and mobile environment such as cars and engineer vehicles usually use not only 12V but also 24V DC as power source, 9~36V power input solution could adapt more appliance requirement.



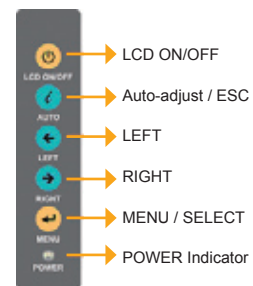
IP 65 Waterproof Aluminum front panel

IP65 standard is the highest dusty, water and oil proof level in ground usage, it absolutely prevents any micro-particle into the system from front panel, and let the system adapting harsh environment.



Full OSD Function in the front panel

IEI DM Series with full OSD function in the front panel, users can easily configure all monitor functions by the water proof OSD function keys. When using this OSD which located in the front panel, user can change the brightness of LCD panel and extend the panel life.

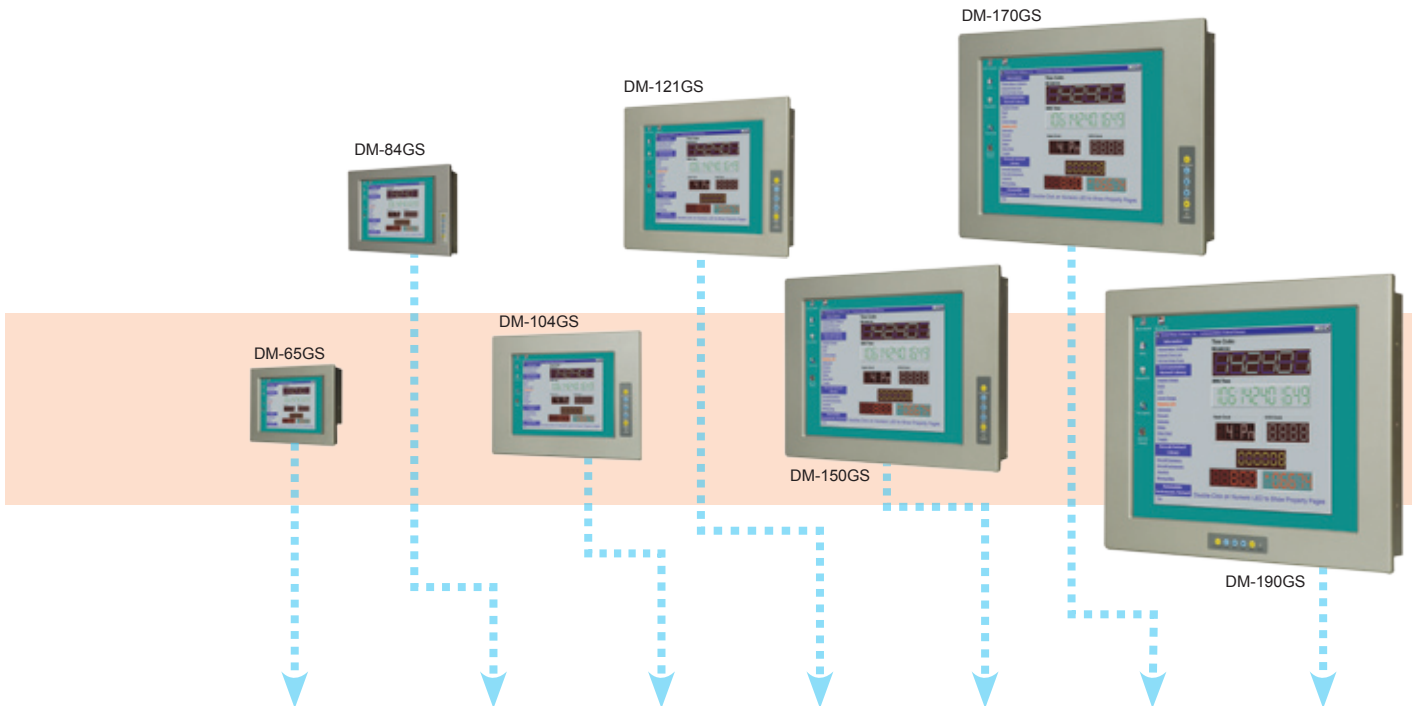


Hi-optical RS-232 interface touch screen

DM series provides RS-232 reserved port for touch screen. IEI DM provides T-R model with high strength Fiber Glass Touch Screen for appliances.



Specifications



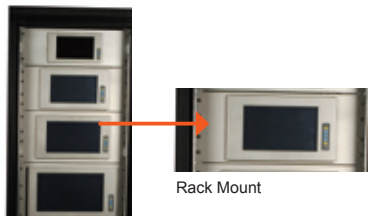
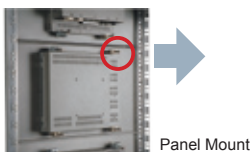
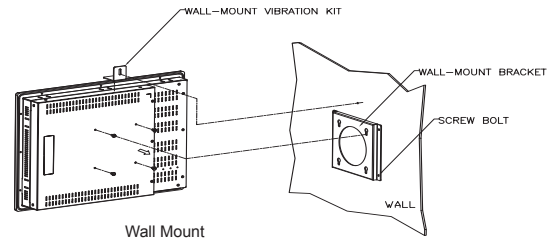
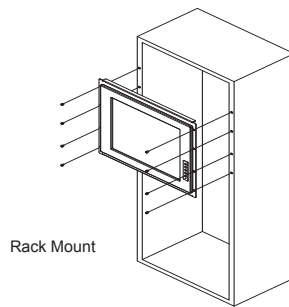
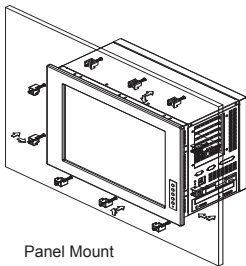
Model	DM-65GS	DM-84GS	DM-104GS	DM-121GS	DM-150GS	DM-170GS	DM-190GS
LCD Size	6.5"	8.4"	10.4"	12.1"	15"	17"	19"
Input Interface	Analog VGA	Analog VGA	Analog VGA	Analog VGA + DVI-D			
Max Resolution	640 x 480	800 x 600	800 x 600	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m ²)	400 / 500	220 / 450	230 / 400	400	350	300	300
Contrast Ratio	550 : 1	500 : 1	500 : 1	500:1	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	0.297	0.264	0.294
Front Frame	Aluminum						
Chassis	Heavy-duty steel	Heavy-duty steel					
View Angle (H/V)	140/120	130/110	120/100	120/100	140/110	120/100	140/130
Input Voltage	12VDC	12VDC or 9-36VDC					
OSD function	Yes	Yes	Yes	Yes	Yes	Yes	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	Including in the standard packing list	PK-084M	PK-104M	PK-121M	PK-150M	PK-170M	PK-190M	
Wall Mount Kits	WK-065MS-R10	WK-084MS-R10	WK-104MS-R10	WK-121MS-R10	WK-150MS-R10	WK-170MS-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-065MS	N/A						
LCD Monitor Arm	ARM-11				ARM-31			
LCD Monitor Stand	STAND-100-RS						N/A	

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 ONLY
1 x Touch Screen USB Cable / Touch Pen / Driver CDROM	For USB/T-R model



Ordering Information

Part No.	Description	
6.5"	DM-65GS	6.5" 400cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color
	DM-65GS/T-R	6.5" 400cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen
	DM-65GHS	6.5" 500cd/m ² High Luminance LCD Monitor with VGA,Aluminum Front Panel,Silver Color,RoHS
	DM-65GHS/T-R	6.5" 500cd/m ² High Luminance LCD Monitor with VGA,Aluminum Front Panel,Silver Color,W/8.4" Touch Screen,RoHS
8.4"	DM-84GS	8.4" 220cd/m ² LCD Monitor ,Aluminum Front Panel,Silver Color
	DM-84GMS	8.4" 220cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,9~36V DC input
	DM-84GS/T-R	8.4" 220cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen
	DM-84GMS/T-R	8.4" 220cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen,9~36V DC input
	DM-84GHS	8.4" 450cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color
	DM-84GHMS	8.4" 450cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color,9~36V DC input
	DM-84GHS/T-R	8.4" 450cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen
	DM-84GHMS/T-R	8.4" 450cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen,9~36V DC input
10.4"	DM-104GS	10.4" 230cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color
	DM-104GMS	10.4" 230cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,9~36V DC input
	DM-104GS/T-R	10.4" 230cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen
	DM-104GMS/T-R	10.4" 230cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen,9~36V DC input
	DM-104GHS	10.4" 400cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color
	DM-104GHMS	10.4" 400cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color,9~36V DC input
	DM-104GHS/T-R	10.4" 400cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen
	DM-104GHMS/T-R	10.4" 400cd/m ² High Luminance LCD Monitor,Aluminum Front Panel,Silver Color,W / Touch Screen,9~36V DC input
12.1"	DM-121GS	12.1" 400cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color
	DM-121GMS	12.1" 400cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,9~36V DC input
	DM-121GS/T-R	12.1" 400cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen
	DM-121GMS/T-R	12.1" 400cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen,9~36V DC input
	DM-121GS-USB/T-R	12.1" 400cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/12.1" Touch Screen,RoHS,USB.
	DM-121GMS-USB/T-R	12.1" 400cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/12.1" Touch Screen,9~36V DC input,RoHS ,USB.
15"	DM-150GS	15" 350cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color
	DM-150GMS	15" 350cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,9~36V DC input
	DM-150GS/T-R	15" 350cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen
	DM-150GMS/T-R	15" 350cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W /Touch Screen,9~36V DC input
	DM-150GS-USB/T-R	15" 350cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/15" USB Touch Screen
	DM-150GMS-USB/T-R	15" 350cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/15" USB Touch Screen,9~36V DC input,RoHS
17"	DM-170GS	17" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color
	DM-170GMS	17" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,9~36V DC input
	DM-170GS/T-R	17" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen
	DM-170GMS/T-R	17" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen,9~36V DC input
	DM-170GS-USB/T-R	17" 300cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/17" USB Touch Screen
	DM-170GMS-USB/T-R	17" 300cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/17" USB Touch Screen,9~36V DC input,RoHS
19"	DM-190GS	19" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color
	DM-190GMS	19" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,9~36V DC input
	DM-190GS/T-R	19" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen
	DM-190GMS/T-R	19" 300cd/m ² LCD Monitor, Aluminum Front Panel, Silver Color,W / Touch Screen,9~36V DC input
	DM-190GS-USB/T-R	19" 300cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/19" USB Touch Screen
	DM-190GMS-USB/T-R	19" 300cd/m ² LCD Monitor,Aluminum Front Panel,Silver Color,W/19" USB Touch Screen,9~36V DC input,RoHS