

DM Series

6.5"~19" IP65 industrial monitors, Robust, Shock Resistance and OSD Function



Features :



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

DM Advance Features

■ IP65 Waterproof Aluminum front panel

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**



DVI

■ 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.

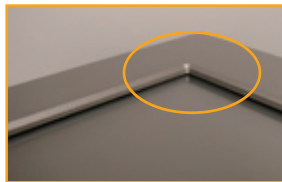


VGA



■ IP65 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.



■ HiOptional 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.



■ 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.

■ High brightness 50000 hrs MTFB long lifetime panel

Out-door applications are usually required by high brightness environments. The luminance will be reduced by touch screen to protection lens on the panel. The typical panels which are usually lower than 200 cd/m², MPC series use the high brightness panel (2300 cd/m²) and have longer lifetime for more quality in above environment.

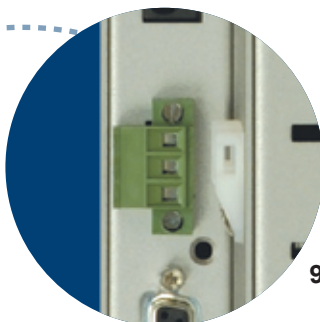


12V DC input

Power adapter DC jack in

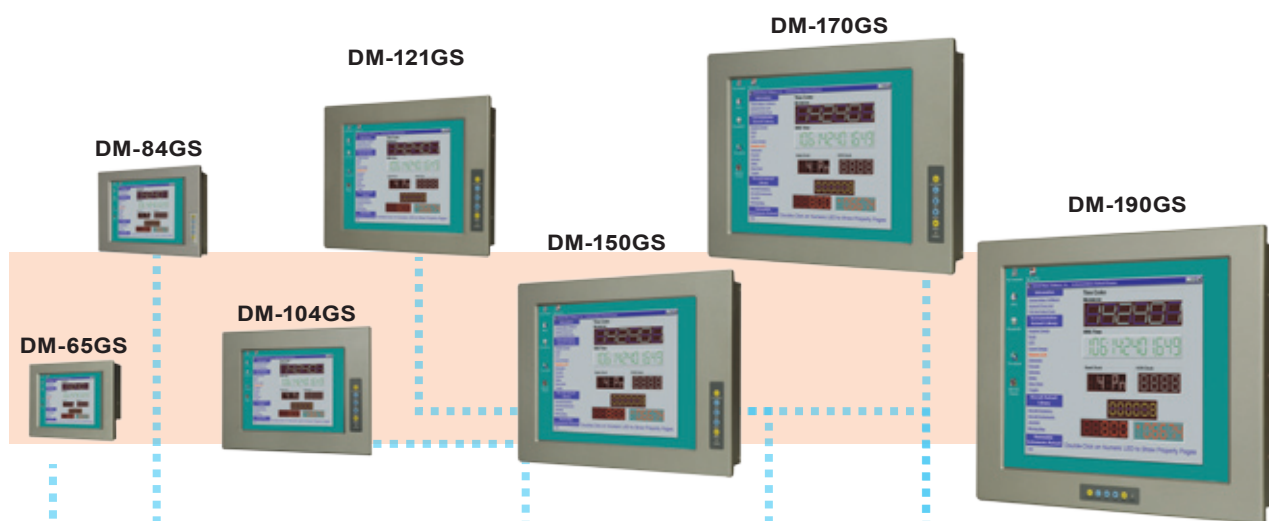


45-60W AC power adapter



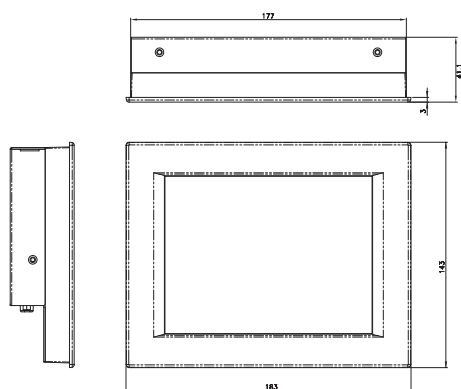
9~36V DC power input

DM Series Comparison Chart

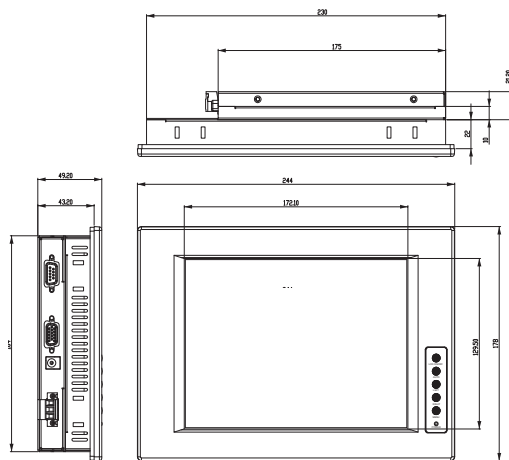


Model	DM-65GS	DM-84GS		DM-104GS	DM-121GS	DM-150GS	DM-170GS	DM-190GS
LCD Size	6.5"	8.4"		10.4"	12.1"	15"	17"	19"
Input Interface	Analog VGA				Analog VGA + DVI-D			
Max Resolution	640 x 480	800 x 600		800 x 600	800 x 600	1024 x 768	1280 x 1024	1280 x 1024
Brightness (cd/m²)	400	220/450		230/400	400	350	300	300
Contrast	550 : 1	500 : 1		500 : 1	500:1	400:1	500:1	700:1
LCD 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							
View Angle (H / V)	140/120	130/110	120/100	120/100	140/110	120/100	140/130	140/130
Input Voltage	12VDC	12VDC or 9-36VDC						
OSD function	Yes							
Mounting	Wall/Arm/Din	Wall/Panel/Rack/Arm						
Color	Silver							
Dimension (WxHxD) (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 65.1	452.0 x 356.0 x 65.2	482 x 399 x 73
Operation Temperature (°C)	0~50°C							
IP Level	IP65							
N/G Weight	1kg	1.8kgs		3kgs	3.8kgs	6kgs	8.6kgs	10kgs

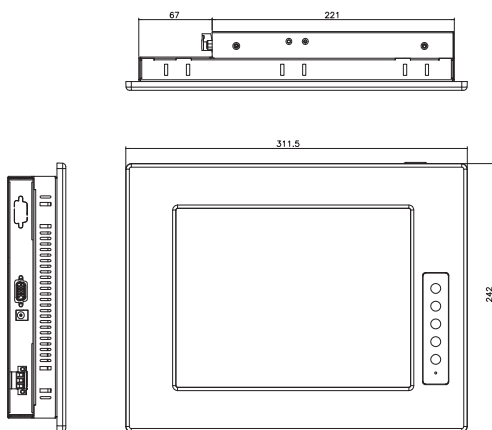
Dimensions



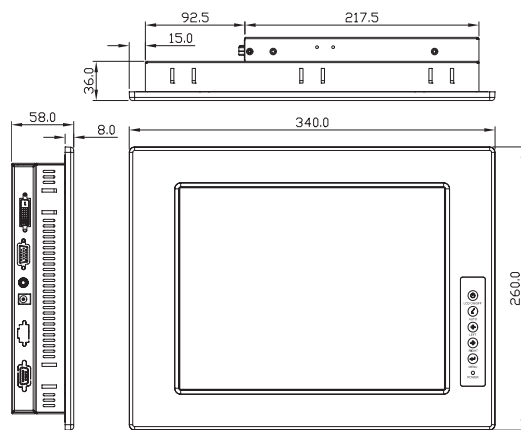
DM-65G



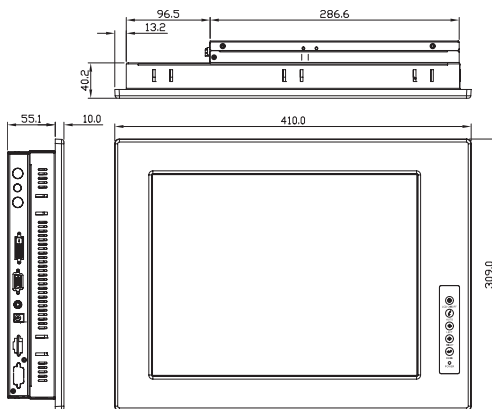
DM-84G



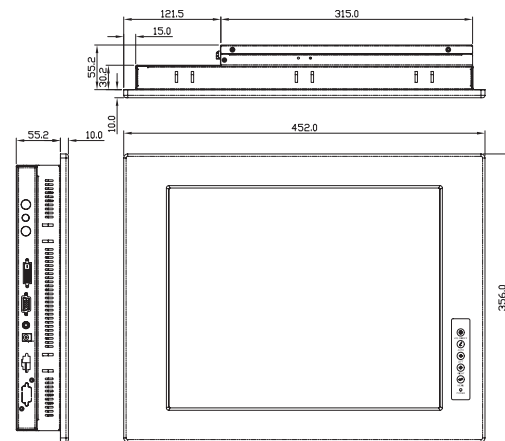
DM-104G



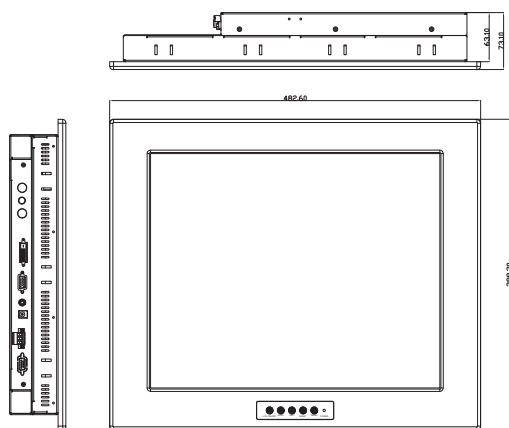
DM-121G



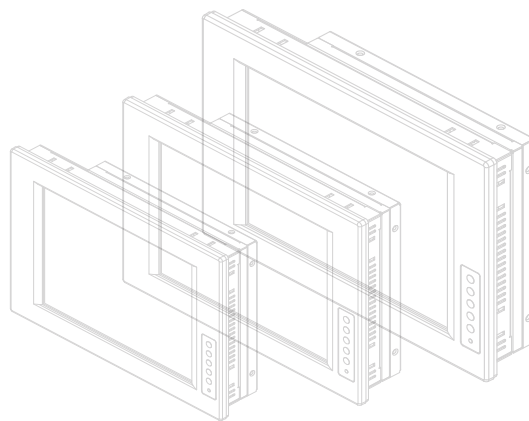
DM-150G



DM-170G



DM-190G



Ordering information

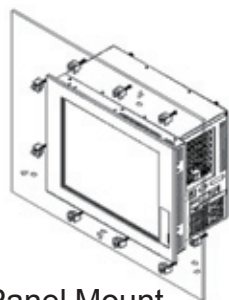
Part No.	Description
DM-65GS	6.5" LCD Monitor, Aluminum Front, Silver Color
DM-65GS/T-R	6.5" LCD Monitor, Aluminum Front, Silver Color, W / Touch Screen
DM-84GS	8.4" LCD Monitor 220 cd/m ² , Aluminum Front, Silver Color
DM-84GMS	8.4" LCD Monitor 220 cd/m ² , Aluminum Front, Silver Color, 9~36V DC input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

Packing information

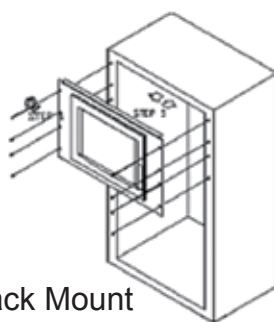
Part Number	Description	Amount	Remark
	DM Industrial Monitor	1	
32000-000002-RS	AC Power Cable	1	
32000-036200-RS	VGA Cable	1	
63UP0451E12P64L-000-RS	45W AC Power Adapter	1	
44003-030062-RS	Round Head Screw	5	
44013-030041-RS	Flat Head Screw	5	
46004-000200-RS	Wire Strain Band	5	
	QIG / CDROM	1	
32100-041000-RS	Power Cable for Terminal Block	1	For M model ONLY
32000-000098-RS	Touch Screen RS-232 Cable / Touch Pen / 1x Driver CD Disk	1	

Mounting Kits Information

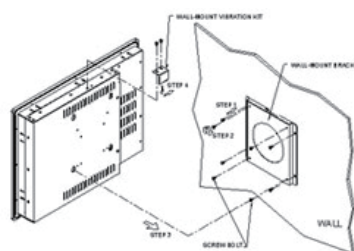
	DM-65GS	DM-84GS	DM-104GS	DM-121GS	DM-150GS	DM-170GS	DM-190GS
Panel Mount Kits	Including in the standard packing list	PK-084M	PK-104M	PK-121M	PK-150M	PK-170M	PK-190M
Wall Mount Kits	WK-065MS-R10	WK-084MS-R10	WK-104MS-R10	WK-121MS-R10	WK-150MS-R10	WK-170MS-R10	WK-190MS-R10
Rack Mount Kits	RK-065MS	RK-084MS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



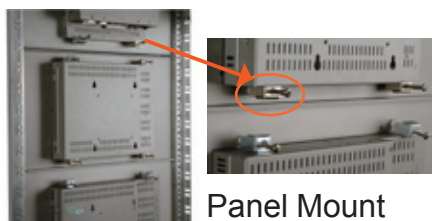
Panel Mount



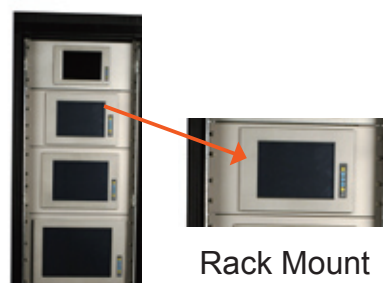
Rack Mount



Wall Mount



Panel Mount



Rack Mount



Din Mount



Wall Mount



Stand Kits