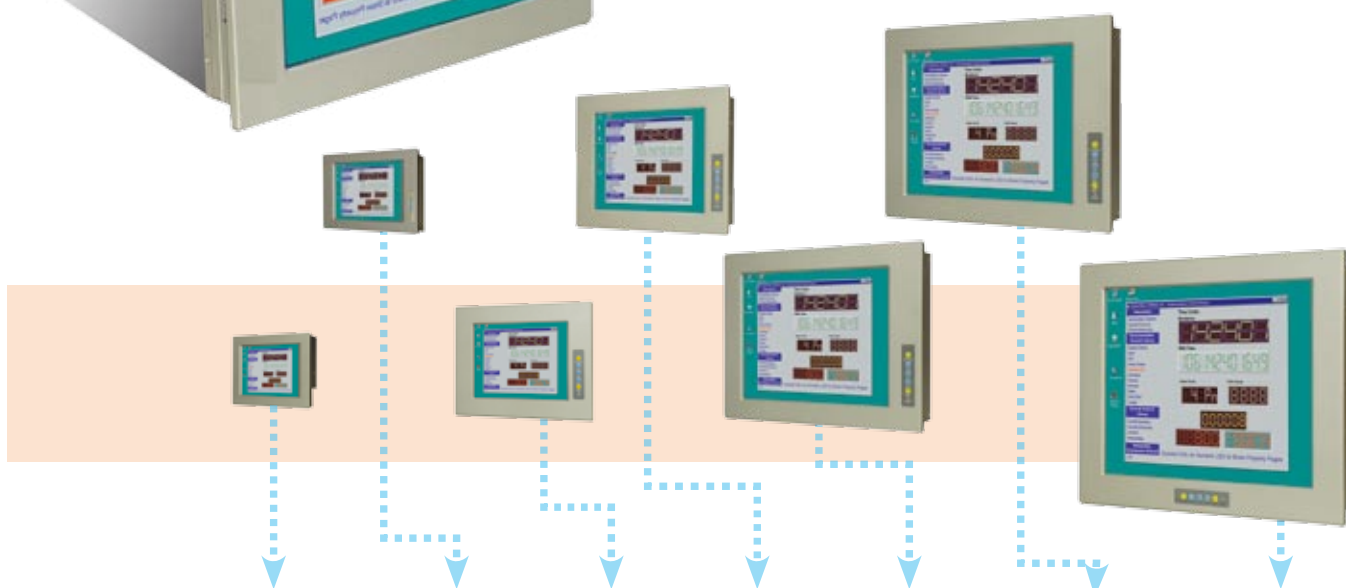


# DM Series

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/m<sup>2</sup> high brightness and 50000hrs MTBF 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-65GS                     | DM-84GHS-R12                        | DM-104GHS-R12  | DM-121GS-R11                |         | DM-150GS-R11     | DM-170GS-R11         | DM-190GS-R11   |
|-----------------------------|-----------------------------|-------------------------------------|----------------|-----------------------------|---------|------------------|----------------------|----------------|
| 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/<br>1024 x 768    |         | 1024 x 768       | 1280 x 1024          | 1280 x 1024    |
| Brightness (cd/m²)          | 400 / 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              | 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/<br>Panel/Rack | Wall/Panel/Rack/Arm (100x100)/Stand |                |                             |         |                  |                      |                |
| Color                       | Silver                      |                                     |                |                             |         |                  |                      |                |
| Dimension<br>(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

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

| Part No. | Description                                                                                                                                               |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.5"     | DM-65GS/T-R 6.5" 400cd/m <sup>2</sup> VGA LCD Monitor, Aluminum Front Panel, Silver Color, W / Touch Screen, RoHS                                         |
|          | 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 7                        |
|          | 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         |

