

## DM-F Series

12.1"~24" DM-F IP65 Industrial Monitor

**New***Features*

- Robust IP65 aluminum front bezel
- Aesthetic ultra-thin bezel for seamless panel mount installation
- Wide range 9V~36V DC input
- HDMI/DisplayPort/VGA flexible video input solution
- Projected capacitive multi-touch/ resistive single touch options
- Wide temperature support

*Specifications*

Model		DM-F12A	DM-F15A	DM-F17A	DM-F22A	DM-F24A
LCD	LCD Display	12" (4:3)	15" (4:3)	17" (5:4)	21.5" (16:9)	24" (16:9)
	Max. Resolution	1024(W) x 768(H)	1024(W) x 768(H)	1280(W) x 1024(H)	1920(W) x 1080(H)	1920(W) x 1080(H)
	Brightness (cd/m <sup>2</sup> )	600	400	350	250	250
	Contrast Ratio	700 : 1	700 : 1	1000 : 1	1000 : 1	3000 : 1
	LCD Color	16.2M	16.2M	16.7M	16.7M	16.7M
	Pixel Pitch (mm)	0.24 x 0.24	0.29 x 0.29	0.26 x 0.26	0.25 x 0.25	0.28 x 0.28
	Viewing Angle (H-V)	160° / 140°	160° / 140°	170° / 160°	170° / 160°	178° / 178°
	Backlight MTBF (Hrs)	50000	50000	50000	30000	30000
Touchscreen & Controller		Resistive type 5-wire flat touch window/ Penmount 6000 Projected capacitive flat touch window/ EETI EXC7200			Projected capacitive flat touch window/ EETI EXC7200	Projected capacitive flat touch window/ EETI EXC3000
I/O Ports		1 x VGA (DB-15) 1 x HDMI 1 x DisplayPort 1.1 1 x USB 2.0 (touch) 1 x RS-232 (touch) [reserved for resistive touch ATO] 1 x Lockable 9V-36V DC jack 1 x 9V-36V terminal block				
OSD	OSD Button	7-key membrane OSD keypad				
	Smart OSD Software	Smart OSD Software				
Physical	Construction Material	Aluminum front cover and sheet metal rear cover				
	Mounting	Panel Mount/ Rack Mount/ 100*100 VESA Mount			Panel Mount/ 100*100 VESA Mount	
	Enclosure Color	Black C				
	Dimensions (mm)	262.2 x 322.2 x 40.5	303 x 378.5 x 43.2	341.4 x 408.4 x 49.3	350.4 x 550.4 x 49.1	382 x 600 x 49.4
	Cutout Dimensions (mm)	234.8 x 303.8	284.6 x 68.1	323 x 398	340 x 532	358.6 x 578.6
	Weight (Net/Gross)	2.7 / 4.9	3.5 / 5.5	4.4 / 7.1	6.3 / 9.6	7.6 / 10.9
Environment	Operating Temperature (with air flow)	-20°C ~ 60°C			-10°C ~ 50°C	
	Storage Temperature	-20°C ~ 70°C			-20°C ~ 60°C	
	Humidity	10% to 95% (non-condensing)				
	IP Level	IP 65 compliant front panel				
	Safety and EMC	CE & FCC certified				
Power	Power Adapter	63040-010060-040-RS 12V 60W with lock (ATO by option)				
	Power Input	9V~36V DC				





