

# LCD-TFT Monitors with IP65 Front for Industrial Applications

LCD-TFT Module + Inverter + Interfaceboard + Panel Mount Housing and IP65 Front



Type	12" LCD-TFT Open Frame Flat Panel Monitor Front IP65	12" LCD-TFT Panel Mount Flat Panel Monitor Front IP65	15,1" LCD-TFT Open Frame Flat Panel Monitor Front IP65	15,1" LCD-TFT Panel Mount Flat Panel Monitor Front IP65	17" LCD-TFT Open Frame Flat Panel Monitor Front IP65	17" LCD-TFT Panel Mount Flat Panel Monitor Front IP65
<b>Viewing Area</b>	12,1" TFT	12,1" TFT	15,1" TFT	15,1" TFT	17" TFT	17" TFT
<b>Touch Panel</b>	resistive / capacitive / no	resistive / capacitive / no	resistive / capacitive / no	resistive / capacitive / no	resistive / capacitive / no	resistive / capacitive / no
<b>Pixel Pitch (mm)</b>	0,3075 x ,03075	0,3075 x ,03075	0,297 x 0,297	0,297 x 0,297	0,264 x 0,264	0,264 x 0,264
<b>Resolution</b>	800 x 600	800 x 600	1.024 x 768	1.024 x 768	1.280 x 1.024	1.280 x 1.024
<b>Effective Display Area (mm)</b>	246,0 x 184,5	246,0 x 184,5	304,1 x 228,1	304,1 x 228,1	337,9 x 270,3	337,9 x 270,3
<b>Color</b>	262k	262k	16,2M	16,2M	16,2M	16,2M
<b>Response Time(tr/ft)</b>	35ms	35ms	12ms	12ms	8ms	8ms
<b>Contrast Ratio</b>	500 (Typ.)	500 (Typ.)	500 (Typ.)	500 (Typ.)	500 (Typ.)	500 (Typ.)
<b>Brightness</b>	400 cd/m² (Typ.)	400 cd/m² (Typ.)	250 cd/m² (Typ.)	250 cd/m² (Typ.)	300 cd/m² (Typ.)	300 cd/m² (Typ.)
<b>Dimmable</b>						
<b>Viewing Angle</b>	H: 140° / V: 110°	H: 140° / V: 110°	H: 130° / V: 120°	H: 130° / V: 120°	H: 140° / V: 140°	H: 140° / V: 140°
<b>Backlight</b>	2 CCFL	2 CCFL	2 CCFL	2 CCFL	4 CCFL	4 CCFL
<b>Lamp Life</b>	50.000 hrs	50.000 hrs	30.000 hrs	30.000 hrs	50.000 hrs	50.000 hrs
<b>Input Signal</b>	VGA Video: RGB analog 0,7v Peak to Peak Video, S-Video, DVI, TouchScreen: RS-232	VGA Video: RGB analog 0,7v Peak to Peak Video, S-Video, DVI, TouchScreen: RS-232	VGA Video: RGB analog 0,7v Peak to Peak Video, S-Video, DVI, TouchScreen: RS-232	VGA Video: RGB analog 0,7v Peak to Peak Video, S-Video, DVI, TouchScreen: RS-232	VGA Video: RGB analog 0,7v Peak to Peak Video, S-Video, DVI, TouchScreen: RS-232	VGA Video: RGB analog 0,7v Peak to Peak Video, S-Video, DVI, TouchScreen: RS-232
<b>Input Connector</b>						
<b>Scan Frequency</b>						
<b>Control</b>	OSD	OSD	OSD	OSD	OSD	OSD
<b>Power Supply</b>	External AC/DC Power Adapter	External AC/DC Power Adapter	External AC/DC Power Adapter	External AC/DC Power Adapter	External AC/DC Power Adapter	External AC/DC Power Adapter
<b>Power Management</b>						
<b>Power Supply Cable</b>						
<b>Consumption</b>						
<b>Operating Temperature</b>	-10°C ~ 55°C	-10°C ~ 55°C	0°C ~ 45°C	0°C ~ 45°C	0°C ~ 45°C	0°C ~ 45°C
<b>Storage Temperature</b>	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
<b>Sync Signal</b>						
<b>Scanning</b>						
<b>Dimension (mm)</b>	340,0 x 45,3 x 260,0	340,0 x 64,5 x 260,0	400,0 x 45,5 x 323,0	400,0 x 45,5 x 323,0	340,0 x 45,3 x 260,0	340,0 x 46,5 x 260,0
<b>Net Weight(Kg)</b>	3,0Kg	3,5Kg		4,8 Kg		5,5 Kg
<b>Color Case</b>						
<b>Safety &amp; EMI</b>						
<b>Vibration</b>						
<b>Pixel (MHz)</b>						
<b>Options</b>	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand	ARM-VM-601 VESA ARM (clamp type) ARM-VM-605 VESA ARM (wall mount type) Wall mounting & desktop stand Rack-mount kit	ARM-VM-601 VESA ARM (clamp type) ARM-VM-605 VESA ARM (wall mount type) Wall mounting & desktop stand Rack-mount kit	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand
<b>Ordering Number</b>	DMXX 5251 / 5252 / 5244	DMXX 5253 / 5254 / 5255	DMXX 5238 / t.b.d. / 5239	DMXX 5236 / t.b.d. / 5237 / 5261	t.b.d.	t.b.d.

LCD-TFT Monitors with IP65 Front for Industrial Applications

# LCD-TFT Monitors with IP65 Front for Industrial Applications

LCD-TFT Module + Inverter + Interfaceboard + Panel Mount Housing and IP65 Front



Non RoHS



Non RoHS



Type	19" LCD-TFT Open Frame Flat Panel Monitor Front IP65	19" LCD-TFT Panel Mount Flat Panel Monitor Front IP65	19" LCD-TFT Open Frame Flat Panel Monitor Front IP65	19" LCD-TFT Panel Mount Flat Panel Monitor Front IP65
<b>Features</b>				
<b>Viewing Area</b>	19" TFT	19" TFT	19" TFT	19" TFT
<b>Touch Panel</b>	resistive / capacitive / no	resistive / capacitive / no	resistive / capacitive / no	resistive / capacitive / no
<b>Pixel Pitch (mm)</b>	0,294 x 0,294	0,294 x 0,294	0,294 x 0,294	0,294 x 0,294
<b>Resolution</b>	1.280 x 1.024	1.280 x 1.024	1.280 x 1.024	1.280 x 1.024
<b>Effective Display Area (mm)</b>	376,3 x 301,1	376,3 x 301,1	376,3 x 301,1	376,3 x 301,1
<b>Color</b>	262k	262k	16,2M	16,2M
<b>Response Time(tr/ft)</b>	12ms	12ms	8ms	8ms
<b>Contrast Ratio</b>	450 (Typ.)	450 (Typ.)	550 (Typ.)	550 (Typ.)
<b>Brightness</b>	350 cd/m <sup>2</sup> (Typ.)	350 cd/m <sup>2</sup> (Typ.)	350 cd/m <sup>2</sup> (Typ.)	350 cd/m <sup>2</sup> (Typ.)
<b>Dimmable</b>				
<b>Viewing Angle</b>	H: 130° / V: 130°	H: 130° / V: 130°	H: 140° / V: 140°	H: 140° / V: 140°
<b>Backlight</b>	4 CCFL	4 CCFL	4 CCFL	4 CCFL
<b>Lamp Life</b>	50.000 hours	50.000 hours	50.000 hours	50.000 hours
<b>Input Signal</b>	VGA, Video RGB analog 0,7v Peak-to-Peak, Video, S-Video, DVI, TouchScreen: RS-232	VGA, Video RGB analog 0,7v Peak-to-Peak, Video, S-Video, DVI, TouchScreen: RS-232	VGA, Video RGB analog 0,7v Peak-to-Peak, Video, S-Video, DVI, TouchScreen: RS-232	VGA, Video RGB analog 0,7v Peak-to-Peak, Video, S-Video, DVI, TouchScreen: RS-232
<b>Input Connector</b>				
<b>Scan Frequency</b>				
<b>Control</b>	OSD	OSD	OSD	OSD
<b>Power Supply</b>	External AC/DC Power Adapter	External AC/DC Power Adapter	External AC/DC Power Adapter	External AC/DC Power Adapter
<b>Power Management</b>				
<b>Power Supply Cable</b>				
<b>Consumption</b>				
<b>Operating Temperature</b>	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
<b>Storage Temperature</b>	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
<b>Sync Signal</b>				
<b>Scanning</b>				
<b>Dimension (mm)</b>	482,0 x 399,0 x 60,0	482,0 x 399,0 x 60,0	482,0 x 59,5 x 399,0	482,0 x 59,5 x 399,0
<b>Net Weight(Kg)</b>		8,315 Kg		
<b>Color Case</b>				
<b>Safety &amp; EMI</b>				
<b>Vibration</b>				
<b>Pixel (MHz)</b>				
<b>Options</b>	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand kit	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand kit	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand kit	ARM-VM-101 VESA ARM (clamp type) ARM-VM-105 VESA ARM (wall mount type) Wall mounting & desktop stand kit
<b>Ordering Number</b>	DMXX529 / 5248 / 5250	DMXX 5246 / 5245 / 5247	t.b.d.	t.b.d.

LCD-TFT Monitors with IP65 Front for Industrial Applications

# LCD-TFT Monitors with IP68 Front for Industrial Applications

LCD-TFT Module + Inverter + Interfaceboard + Housing IP68 nitrogen filled



Type	15" LCD-TFT Monitor High Brightness IP68 nitrogen filled	15" LCD-TFT Monitor High Brightness IP68 nitrogen filled
<b>Viewing Area</b>	15"	15,1"
<b>Touch Panel</b>	no/ capacitive	no/ capacitive
<b>Pixel Pitch (mm)</b>	0,297 x 0,297	0,297 x 0,297
<b>Resolution</b>	1.024 x 768 XGA	1.024 x 768 XGA
<b>Effective Display Area (mm)</b>	304,128 x 228,096	304,128 x 228,096
<b>Color</b>	262k	262k
<b>Response Time(tr/ta)</b>	16ms	16ms
<b>Contrast Ratio</b>	400:1	400:1
<b>Brightness</b>	1000 cd/ m <sup>2</sup>	500 cd/m <sup>2</sup>
<b>Dimmable</b>	automatic	automatic
<b>Viewing Angle</b>	H: 140° / V: 120°	H: 140° / V: 120°
<b>Backlight</b>	Planon	CCFL
<b>Lamp Life</b>	100.000hrs	50.000hrs
<b>Input Signal</b>	VGA optional: DVI/AV	VGA optional: DVI/AV
<b>Input Connector</b>		
<b>Scan Frequency</b>		
<b>Control</b>		
<b>Power Supply</b>	24VDC	12VDC
<b>Power Management</b>		
<b>Power Supply Cable</b>		
<b>Consumption</b>	43W (typ.)	19W (typ.)
<b>Operating Temperature</b>	-20°C ~ 55°C	-20°C ~ 50°C
<b>Storage Temperature</b>	-20°C ~ 70°C	-20°C ~ 70°C
<b>Sync Signal</b>		
<b>Scanning</b>		
<b>Dimension (mm)</b>	380 x 320 x 95	380 x 320 x 95
<b>Net Weight(Kg)</b>	7,2Kg	7,2Kg
<b>Color Case</b>	aluminium silver	aluminium silver
<b>Safety &amp; EMI</b>		
<b>Vibration</b>	1.5 / 10-200 G/Hz	1.5 / 10-200 G/Hz
<b>Pixel (MHz)</b>		
<b>Options</b>	protected cap. TouchScreen active power management heating	protected cap. TouchScreen active power management heating
<b>Ordering Number</b>	DMXX6270/DMXX6271	DMXX6275/DMXX6276