


Industrial Automation - Products & Configurations
MONITOR MT121-TFX

Basic configuration	LCD TFT 12,1" • backlight LED • Touch-Screen • VGA and DVI-D input • Stainless Steel TrueFlat front panel • 24V DC power supply • without cables • 12 months warranty
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MONITOR MT121-TFXR

> note 1

Basic configuration	LCD TFT 12,1" • backlight LED • Touch-Screen • integrated remotation • transmission module • Stainless Steel TrueFlat front panel • VGA and DVI-D input • 24V DC power supply • without cables • 12 months warranty
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DISPLAY & TOUCH-SCREEN	12,1" LCD TFT 4:3 • SVGA, 800x600, 16M colors • backlight LED, 500 cd/m2 • Viewing angle L:R/U:L (typ.): 80°:80°/80°:60°	
	12,1" Touch-Screen • 5 wires resistive technology • USB I/F	
	12,1" LCD TFT 4:3 • XGA, 1024x768, 16M colors • backlight LED, 600 cd/m2 • Viewing angle L:R/U:L (typ): 80°:80°/70°:70°	
	12,1" Touch-Screen • 5 wires resistive technology • USB I/F	
	15" LCD TFT 4:3 • XGA, 1024x768, 16M colors • backlight LED, 450 cd/m2 • Viewing angle: L:R/U:L (typ): 80°:80°/70°:70°	
	15" Touch-Screen • 5 wires resistive technology • USB I/F	
	17" LCD TFT 5:4 • SXGA, 1280x1024, 16M colors • 2 CCFL, 250 cd/m2 • Viewing angle L:R/U:L (typ): 80°:80°/80°:80°	
	17" Touch-Screen • 5 wires resistive technology • USB I/F	

POWER SUPPLY	24V DC • 8÷32V DC	
	110V/220V AC • 90÷264V AC • autoranging	

CABLES for DIRECT CONNECTION > note 2

CABLES for DIRECT CONNECTION	Kit cables 1,8mt VGA (VGA 1,8mt / USB 1,8mt)	
	Kit cables 1,8mt DVI (DVI 1,8mt / USB 1,8mt)	
	Kit cables 7,5mt VGA (VGA 10mt / USB 7,5mt) > note 3	
	Kit cables 7,5mt DVI (DVI 10mt / USB 7,5mt) > note 3	
	Kit cables 10mt VGA (VGA 10mt / USB 11mt amplified) > note 3	
	Kit cables 10mt DVI (DVI 10mt/ USB 11mt amplified) > note 3	

CABLES for REMOTATION > note 2

PATCH CABLES for REMOTATION	Kit cables 0,3mt (VGA 0,3mt / USB 0,5mt)	
	Kit cables 0,9mt (VGA 0,9mt / USB 0,9mt)	
	Kit cables 1,8mt (VGA 1,8mt / USB 1,8mt)	
CABLES for REMOTATION	Cable 15m • CAT6 SFTP type • black > note 4	
	Cable 20m • CAT6 SFTP type • black > note 4	
	Cable 30m • CAT6 SFTP type • black > note 4	
	Cable 40m • CAT5E SFTP type • white > note 4	

OPTIONS

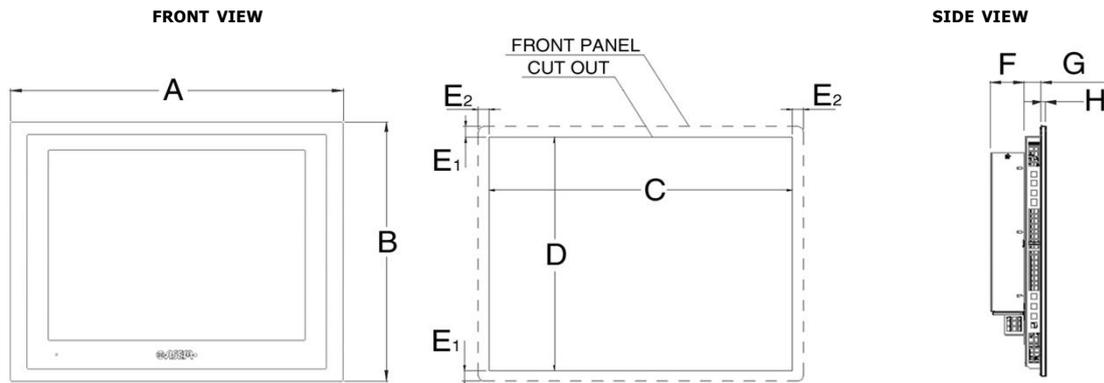
WARRANTY EXTENSION	Warranty extension to 18 months on basic system and its variants	
	Warranty extension to 24 months on basic system and its variants	
	Warranty extension to 36 months on basic system and its variants	

NOTES

- 1: **USB HUB could not be connected to the ports.**
- 2: Patch cables for remotation are needed. Customer can buy from ASEM or supply it by other channels.
Remotation cable must be supplied by ASEM.
- 3: With kit cables 7,5mt, USB 1.1 standard is ensured
With kit cables 11mt, USB 2.0 standard is ensured; USB cable has an amplified signal repeater in the middle;
Repeater has dimensions of (mm) 32x17x90; distance of the repeater from the edges is 5mt and 6mt
- 4: SFTP (Shielded Foil Twisted Pair) is for Ethernet cable and means that the cable is shielded and made by twisted pair copper wires.



TECHNICAL SPECIFICATIONS	
Case	Panel mount
Overall dimensions & weight	See details on the related section
Front Panel	TrueFlat stainless steel 1.4301 surface brushing grain 180 medium • Polyester Autoflex EB A180 RAL 7035 color • ASEM logo serigraph printed
Touchscreen	5 wires resistive technology • overlaminated with OCA (Optical Clear Adhesive) • on board controller • USB I/F
Frontal protection	IP66K
Rear interfaces	MT-TFX 1 x VGA analog (DB15F) • 1 x DVI-D Single Link • 3 x USB 2.0 (Type A) • 1 x USB 2.0 (HUB input, Typo B) MT-TFXR 1 x RJ45 (remotation input) • 3 x USB 1.1 (Type A)
Environmental specifications	Operating temperature: 0° ÷ +45°C • Storage temperature: -5 ÷ +60°C • Humidity: 80% (non-condensing)
Approvals	CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1)
Standard warranty	12 months • Warranty management by ASEM headquarters

DIMENSIONS (mm)


LCD TFT	A	B	C	D	E ₁ /E ₂	F	G	H	Weight (kg)
12,1"	335	270	315	250	10/10	60,5	19,3	6	4,6
15"	398	315	370	295	10/14	60,5	19,3	6	5,3
17"	455	355	435	335	10/10	63,9	22,8	6	6,7
19"	490	388	470	368	10/10	69,9	28,8	6	7,3

MT-TFXR CONNECTIONS

MT-TFXR
with integrated receiver module

CAT5E / CAT6

 REMOTATION
CABLE

 TRANSMISSION
MODULE

VGA

USB

 PATCH
CABLES

PC