Industrial Automation - Products & Configurations

MONITOR MT8	
Basic configuration	LCD TFT 8,4" ▪ backlight LED ▪ Touch-Screen ▪ VGA and DVI-D input ▪ 24V DC power supply ▪ without cables ▪ 12 months warranty

MONITOR MT8-R > note 1	
Basic configuration	LCD TFT 8,4" ▪ backlight LED ▪ Touch-Screen ▪ **integrated remotation** ▪ transmission module ▪ VGA and DVI-D input ▪ 24V DC power supply ▪ without cables ▪ 12 months warranty

DISPLAY	
	8,4" LCD TFT 4:3 ▪ SVGA, 800x600, 256K colori ▪ backlight LED, 400 cd/m2 ▪ Viewing angle L:R/U:L (typ): 60°:60°/45°:55°
	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" LCD TFT 4:3 ▪ XGA, 1024x768, 16M colors ▪ backlight LED, 600 cd/m2 ▪ Viewing angle L:R/U:L (typ): 80°:80°/70°:70°
	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°
	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°
	19" LCD TFT 5:4 ▪ SXGA, 1280x1024, 16M colors ▪ 2 CCFL, 300 cd/m2 ▪ Viewing angle L:R/U:L (typ): 80°:80°/80°:80°

TOUCH-SCREEN		GFG > note 2
	No Touch-Screen	-
	8,4" Touch-Screen ▪ 5 wires resistive technology ▪ USB I/F	no
	12,1" Touch-Screen ▪ 5 wires resistive technology ▪ USB I/F	yes
	15" Touch-Screen ▪ 5 wires resistive technology ▪ USB I/F	yes
	17" Touch-Screen ▪ 5 wires resistive technology ▪ USB I/F	yes
	19" Touch-Screen ▪ 5 wires resistive technology ▪ USB I/F	no

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

CABLES for DIRECT CONNECTION > note 3

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 4**
	Kit cables 7,5mt DVI (DVI 10mt / USB 7,5mt) **> note 4**
	Kit cables 10mt VGA (VGA 10mt / USB 11mt amplified) **> note 4**
	Kit cables 10mt DVI (DVI 10mt/ USB 11mt amplified) **> note 4**

CABLES for REMOTATION > note 3

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)

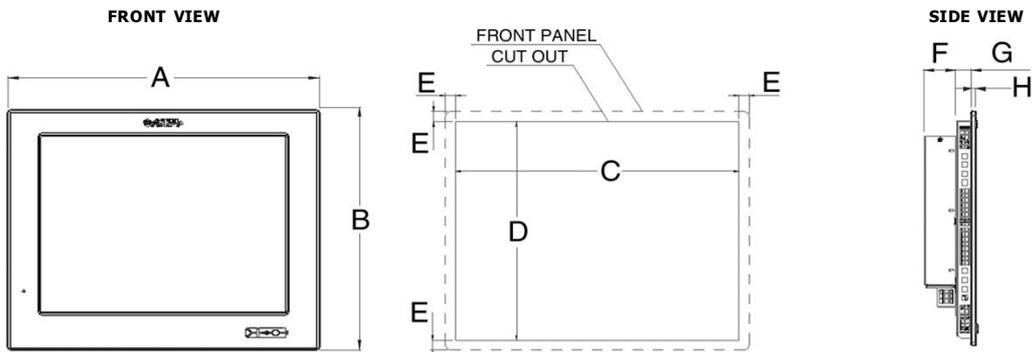| CABLES for REMOTATION	
	Cable 15m ▪ CAT6 SFTP type ▪ black **> note 5**
	Cable 20m ▪ CAT6 SFTP type ▪ black **> note 5**
	Cable 30m ▪ CAT6 SFTP type ▪ black **> note 5**
	Cable 40m ▪ CAT5E SFTP type ▪ white **> note 5**

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 connection is granted for UBS 1.1 standard. No USB HUB device can be connected to the ports.**

2: Glass Film Glass (GFG) touch-screen option: see pg.167 for the differences with standard touch-screen configuration

3: Patch cables for remotation are needed. Customer can buy from ASEM or supply it by other channels.
Remotation cable must be supplied by ASEM.

4: 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

5: 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		Aluminum / Polycarbonate Pantone 429C color
Touchscreen		5 wires resistive technology • on board controller • USB I/F
Frontal protection		IP65
Front interfaces	MT	1 x USB 2.0 (type-A);
	MT-R	**1 x USB 1.1 (Type A);**
Rear interfaces	MT	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-R	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)

FRONT VIEW

FRONT PANEL CUT OUT

SIDE VIEW

LCD TFT	A	B	C	D	E	F	G	H	Weight (kg)
8,4"	250	210	230	190	10	60,5	19,3	6	3,1
12,1"	335	270	315	250	10	60,5	19,3	6	4,6
15"	390	315	370	295	10	60,5	19,3	6	5,3
17"	455	355	435	335	10	63,9	22,8	6	6,7
19"	490	388	470	368	10	69,9	28,8	6	7.3

MT-R CONNECTIONS

CAT5E / CAT6

VGA

USB

MT-R
with integrated
receiver module

REMOTATION CABLE

TRANSMISSION MODULE

PATCH CABLES

PC