


Industrial Automation - Products & Configurations

MQR100 MONITOR > note 1		POWER [W]	
Basic configuration	LCD TFT 10,1" W • Touch-screen • Aluminum front panel • Remote Video Link integrated (RX) • Without transmitter module (TX) for DVI-D and USB 2.0 signals and without remotation cable • 24V DC isolated power supply • without cables • 12 months warranty	16	
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DISPLAY & TOUCH-SCREEN	10,1" W LCD TFT 16:10 • WXGA, 1280x800, 16M colors • LED backlight, 400cd/m2 • Viewing angle L:R/U:L (typ.): 88°:88°/88°:88° Touch-screen • 5 wires resistive technology • Controller integrated on board		
	12,1" W LCD TFT 16:10 • WXGA, 1280x800, 16M colors • LED backlight, 400 cd/m2 • Viewing angle L:R/U:L (typ): 88°:88°/88°:88° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 6	
	15,6" W LCD TFT 16:9 • 1366x768 (HD), 16M colors • LED backlight, 400 cd/m2 • Viewing angle L:R/U:L (typ): 85°:85°/80°:80° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 7	
	15,6" W LCD TFT 16:9 • 1920x1080 (FHD), 16M colors • LED backlight, 400 cd/m2 • Viewing angle L:R/U:L (typ): 85°:85°/85°:85° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 16	
	18,5" W LCD TFT 16:9 • 1366x768 (HD), 16M colors • LED backlight, 300 cd/m2 • Viewing angle L:R/U:L (typ): 75°:75°/70°:70° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 18	
	18,5" W LCD TFT 16:9 • 1920x1080 (FHD), 16M colors • LED backlight, 400 cd/m2 • Viewing angle L:R/U:L (typ): 85°:85°/85°:85° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 29	
	21,5" W LCD TFT 16:9 • 1920x1080 (FHD), 16M colors • LED backlight, 300 cd/m2 • Viewing angle L:R/U:L (typ): 89°:89°/89°:89° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 28	
	24" W LCD TFT 16:9 • 1920x1080 (FHD), 16M colors • LED backlight, 300 cd/m2 • Viewing angle L:R/U:L (typ): 89°:89°/89°:89° Touch-screen • 5 wires resistive technology • Controller integrated on board	+ 32	
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	POWER SUPPLY	Input voltage 24V DC • isolated	
Input voltage 110/230V AC • autoranging		+ 0	
OPTIONS		POWER [W]	
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CABLES > note 2	Kit DVI/USB cables, RVL cables fixed laying and not guided flex laying	-	
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WARRANTY EXTENSION	Warranty extension to 18 month		
	Warranty extension to 24 months		
	Warranty extension to 36 months		
NOTES			
The power consumption of the configuration takes into consideration the maximum absorbed power of every component and does not include the consumption of the devices connected to the USB ports. 1: If the monitor is not acquired with an ASEM system with RVL (TX) integrated, the transmission module have to be bought. See pg.364 2: Customer can buy patch and remotation cables from ASEM or supply it by other suppliers.			



TECHNICAL SPECIFICATIONS	
Case	Panel mount
Front panel	Aluminum
Touchscreen	5 wires resistive technology • on board controller
Overall dimensions & weight	See details on the related section
Frontal protection	IP66
Power supply	DC Input voltage 18÷36V DC • isolated
	AC Input voltage 90÷264 V AC • isolated • Autoranging
Rear access interfaces	1 x RJ45 (remotation input) • 2 x USB 2.0 (Type A)
Environmental specifications	Operating temperature: 0° ÷ +50°C, 0° ÷ +45°C with LCD 24" • Storage temperature: -5° ÷ +60°C • Humidity: 80% (non-condensing)
Approvals	CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) • cULus LISTED (UL 61010)
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 ₁ /E ₂	F	G	H	Weight (kg)
10,1"W	262,5	181	255,5	174	3,5/3,5	45	17,5	4,5	4,9
12,1"W	308	210	301	203	3,5/3,5	45	17,5	4,5	5,2
15,6"W	395,5	245	387,5	237,5	3,8/4	45	24,2	7	6,0
18,5"W	461	282	453	274,5	3,8/4	45	24,2	7	7,3
21,5"W	528	319	520	312	3,5/4	45	24,2	7	8,4
24"W	606	374	598	366,5	3,8/4	45	24,2	7	8,4

MH-R CONNECTORS

Remote Video Link CONNECTIONS SCHEME