MH100 / MHR100

Panel Mounting industrial monitors

The panel monitor family MH100/MHR100 is available with 16 milion color LED Backlight TFT LCDs from 8.4" to 24", in 4:3, 5:4 and Wide aspect ratio, with Aluminium or Aluminium True flat front panels, 5 wires resistive touchscreen and an additional USB 2.0 port on front. As an alternative, the systems with 12.1", 15", 17" and 19" LCD can have a Stainless Steel True Flat front panel. All version with Wide LCDs are also available with aluminium and glass TrueFlat Multitouch front panels, with projected capacitive touchscreen. MH100/MHR100 monitors have an isolated 24 VDC or optionally 110/230 VAC power supply input.

MH100 versions have a VGA and a DVI-D standard input. MHR100 versions integrate the remotation technology for DVI and USB 2.0 signals that allows the connection of the IPC within 100 meters with a Cat 5e SF/UTP or CAT6A S/FTP cable.

c UL us LISTED

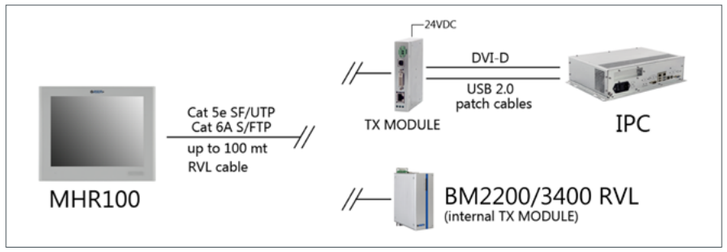
ASEM STANDARDS

Highlights

- Industrial Monitor with 0-50° C operating temperature
- 8.4", 10.4", 12.1" and 15" LCDs in 4:3 aspect ratio, 17" and 19" LCDs in 5:4 aspect ratio, 10.1", 12.1", 15.6", 18.5", 21.5" and 24" LCDs in Wide aspect ratio
- Isolated 24 VDC power supply input or 110/230 VAC power supply (optional)
- MHR100 version with remotation of DVI and USB 2.0 signals up to 100m
- CE, cULus LISTED (508) certifications

Gallery

Remotation



Technical data

	MH	MH-TF	MH-TFX	MH-TFM	MHR100	MHR100-TF	MHR100-TFX	MHR100-TFM
LED backlight TFT LCD	8.4" - 800x600 10.1" W - 1280x800 10.4" - 800x600 12.1" - 800x600 12.1" - 1024x768 12.1" W - 1280x800 15.0" - 1024x768 15.6" W - 1366x768 15.6" W- 1920x1080 17" - 1280x1024 18.5" W - 1366x768 18.5"W - 1920x1080 19" - 1280x1024 21.5" W- 1920x1080 24" W- 1920x1080		12.1" - 800x600 12.1" - 1024x768 15.0" - 1024x768 17" - 1280x1024 19" - 1280x1024	10.1" W - 1280x800 12.1" W - 1280x800 15.6" W - 1366x768 15.6" W- 1920x1080 18.5" W - 1366x768 18.5"W - 1920x1080 21.5" W -1920x1080 24" W- 1920x1080	8.4" - 800x600 10.1" W - 1280x800 10.4" - 800x600 12.1" - 800x600 12.1" - 1024x768 12.1" W - 1280x800 15.0" - 1024x768 15.6" W - 1366x768 15.6" W- 1920x1080 17" - 1280x1024 18.5" W - 1366x768 18.5"W - 1920x1080 19" - 1280x1024 21.5" W- 1920x1080 24" W- 1920x1080		12.1" - 800x600 12.1" - 1024x768 15.0" - 1024x768 17" -1280x1024 19" -1280x1024	10.1" W - 1280x800 12.1" W - 1280x800 15.6" W - 1366x768 15.6" W- 1920x1080 18.5" W - 1366x768 18.5"W - 1920x1080 21.5" W -1920x1080 24" W- 1920x1080
TOUCHSCREEN	Resistive 5 wires GFG (optional)	Resistive 5 wires	Resistive 5 wires	P-CAP Multitouch	Resistive 5 wires GFG (optional)	Resistive 5 wires	Resistive 5 wires	P-CAP Multitouch
T/S CONTROLLER	USB / Serial			USB	USB			
FRONT PANEL	Aluminium	True Flat Aluminium	Stainless Steel True Flat	True Flat Aluminium	Aluminium	True Flat Aluminium	Stainless Steel True Flat	True Flat Aluminium
PROTECTION GRADE	IP66 - frontal							
VIDEO INPUT	1 x VGA 1 x DVI-D				1 x RJ45 remotation with Cat 5e SF/UTP or Cat 6A S/FTP cable			
USB	2 x USB 2.0 rear (Type-A) 1 x USB 2.0 front (Type-A)		2 x USB 2.0 rear (Type-A)		2 x USB 2.0 rear (Type-A) 1 x USB 2.0 front (Type-A)		2 x USB 2.0 rear (Type-A)	
REMOTATION					Remotation of DVI-D and USB 2.0 signals up to 100mt with Cat 5e SF/UTP cable or Cat 6A S/FTP cable			
POWER SUPPLY INPUT	24VDC isolated 24VDC (optional) 110V/230VAC (optional)				24VDC isolated 24VDC (optional)			
OPERATING TEMPERATURE	0° ÷ +50°C							
APPROVALS	CE, cULus LISTED (508)							

MK100 / MKR100

Arm Mounting industrial monitors

The arm mounting monitors of the MK100/MKR100 family are made of a Full IP65 cast aluminium chassis, powder coated with anti-scratch treatment, compatible with the most used installation standards. The front button area, totally configurable at the order, allows to install light indicators, buttons, lever switches, keylock switches, encoders, an emergency stop button and USB, Ethernet or RFID interfaces (described at page 85).
They are available with 16 milion color LED Backlight TFT LCDs from 15.6" to 24", in Wide aspect ratio with Aluminium True flat front panels and 5 wires resistive touchscreen or with aluminium and glass TrueFlat Multitouch front panels and projected capacitive touchscreen.
MK100/MKR100 monitors have an isolated 24 VDC power supply input.
MK100 versions have a VGA and a DVI-D standard input.
MKR100 versions integrate the remotation technology for DVI and USB 2.0 signals that allows the connection of the IPC within 100 meters with a Cat 5e SF/UTP or CAT6A S/FTP cable.

c UL us LISTED

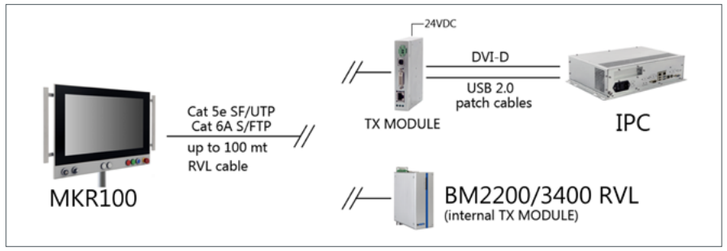
ASEM STANDARDS

Highlights

- → Full IP65 chassis
- → Button area with up to 15 Ø22 elements
- → Arm Mounting Monitor with 0-50° C operating temperature
- → 15.6", 18.5", 21.5" and 24" LCDs in Wide aspect ratio
- → Isolated 24 VDC power supply input
- → MKR100 version with remotation of DVI and USB 2.0 signals up to 100m
- → CE, cULus LISTED (61010) certifications

Gallery

Remotation



Technical data

	MK100-TF	MK100-TFM	MK100R-TF	MK100R-TFM
LED backlight TFT LCD	15.6" W - 1366x768 15.6" W - 1920x1080 18.5"W - 1366x768 18.5"W - 1920x1080 21.5" W- 1920x1080	15.6" W - 1366x768 15.6" W - 1920x1080 18.5"W - 1366x768 18.5"W - 1920x1080 21.5" W- 1920x1080 24" W - 1920x1080	15.6" W - 1366x768 15.6" W - 1920x1080 18.5"W - 1366x768 18.5"W - 1920x1080 21.5" W- 1920x1080	15.6" W - 1366x768 15.6" W - 1920x1080 18.5"W - 1366x768 18.5"W - 1920x1080 21.5" W- 1920x1080 24" W - 1920x1080
TOUCHSCREEN	Resistive 5 wires	P-CAP Multitouch	Resistive 5 wires	P-CAP Multitouch
T/S CONTROLLER	USB 2.0			
FRONT PANEL	True Flat Aluminium	True Flat Aluminium	True Flat Aluminium	True Flat Aluminium
PROTECTION GRADE	Full IP65			
VIDEO INPUT	1 x VGA 1 x DVI-D		1 x RJ45 remotation with Cat 5e SF/UTP or Cat 6A S/FTP cable	
USB	2 x USB 2.0 rear, protected, IP65 (Type-A)			
CHASSIS Installation	For pole or suspension arm mounting system compatible with RITTAL CP40 / ROLEC TARAPLUS / HASEKE HLT KUPPLUNG 48			
Material	Alluminum alloy EN AB46400			
Color	Anti-scratchable painted - RAL 9006			
BUTTONS AREA (hard wired or slave modular fieldbus version)	Buttons, lights and interfaces on the front panel are optional. 1 x Emergency stop button (always hard wired), 1 x RFID (internally connected to USB), 1 x USB port, lights, button keys and switches (hard wired or fieldbus). Several industrial fieldbus masters are supported. The push-button panel design allows easy device substitution.			
REMOTATION			Remotation of DVI-D and USB 2.0 signals up to 100mt with Cat 5e SF/UTP cable or Cat 6A S/FTP cable	
POWER SUPPLY INPUT	24VDC isolated			
OPERATING TEMPERATURE	0°- 50°C			
APPROVALS	CE, cULus LISTED (61010)			