

MQ family

Industrial Panel Monitors



DIGITAL AUTOMATION TECHNOLOGIES

MQ family - Highlights

- Embedded touch-screen controller with USB interface
- Resolution up to 1920 x 1080 @60Hz
- **Two different front panels**
 - Aluminum MQ
 - Aluminum True Flat multitouch MQ-TFM
- **16 mln colors LED backlight TFT LCD displays**
 - 16:9 aspect ratio: 10,1" – 12,1" - 15,6" - 18,5" - 21,5" - 24"
 - High contrast and high brightness displays
 - Wide viewing angle in all directions
- **OSD - On Screen Display**
 - VGA/DVI selection / Brightness / Contrast / Color Adjustment / Image settings
- **PSU input voltage**
 - 24V DC not isolated
 - 24V DC isolated
 - 110/230V AC auto-ranging



MQ family - Highlights

Entirely **designed, engineered** and **manufactured** by ASEM

- Embedded solution guaranteeing maximum reliability and performances
- IP66 front protection rating
- Operating temperature 0÷50°



MQ family

A **unique CUT-OUT** for each LCD size to ensure:

- Interchangeability among different Panel PC and Monitor families
- Future mechanical compatibility

Front panel available in two variants:

- Aluminum
- Aluminum True Flat Multitouch

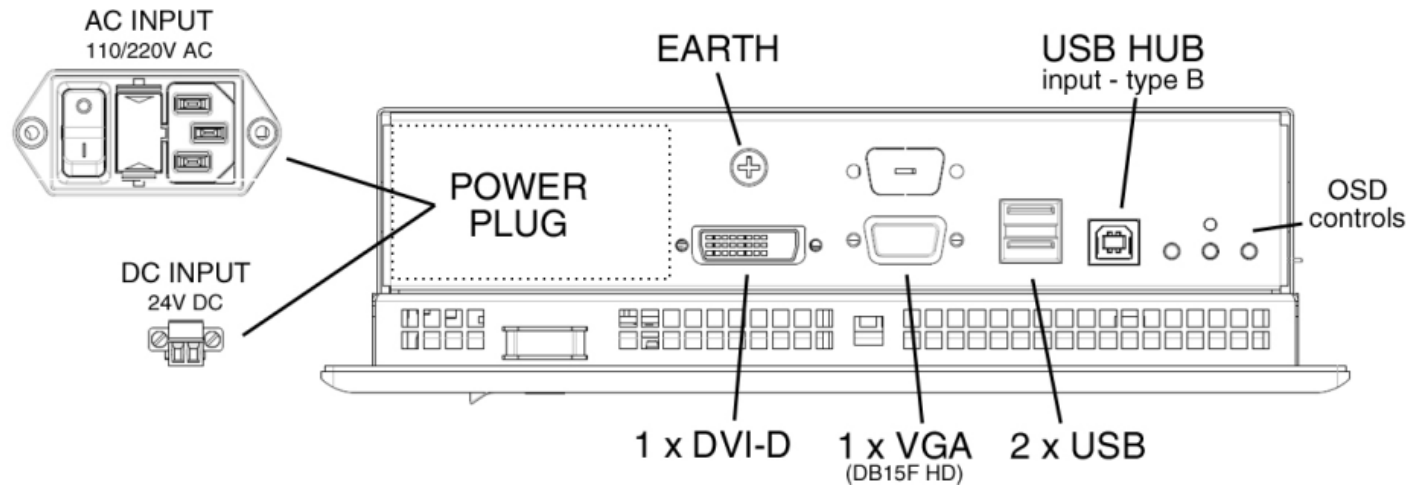


MQ family - Features



	MQ	MQ-TFM
LED backlight TFT LCD	16:9 aspect ratio 10,1" - 12,1" - 15,6" - 18,5" - 21,5" - 24"	
TOUCHSCREEN	5 wires Resistive technology USB/Serial interface	P-CAP projected capacitive multitouch
FRONT PANEL	Aluminum	Aluminum True Flat Multitouch
PROTECTION GRADE	IP66	
VIDEO INPUT	1 x VGA 1 x DVI-D	
USB	2 x USB 2.0 Type-A (rear)	
PSU INPUT VOLTAGE	24V DC not isolated (18÷32V DC) 24V DC isolated (18÷36V DC) 110V/220V AC auto-ranging (90÷264V AC)	
CONSUMPTION	45W max (full USB load)	
OPERATING TEMP.	0°÷50°C	
CERTIFICATION	CE, cULus pending	

MQ family - External connectors & Interfaces



VIDEO INPUT

- DVI-D single link
 - Max resolution 1920x1080
- VGA (DB15F HD)
 - Max resolution 1920x1080

USB

- 2 x USB 2.0 Type-A
 - 500mA max
- 1 x USB 2.0 Type-B (host)
 - 500mA max

POWER PLUG

- DC input
 - 24V DC not isolated, Input range 18÷32V DC
 - 24V DC isolated, Input range 18÷36V DC
- AC input
 - 110/220VAC Auto-ranging, Input range 90÷264V AC

MQ family - Long term availability



7/10 years

Product Availability

2019

6/12 months

End Of Life
procedure

Support & Repairs

+ 5 years

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