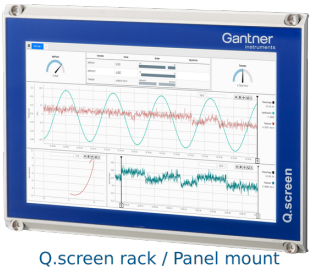
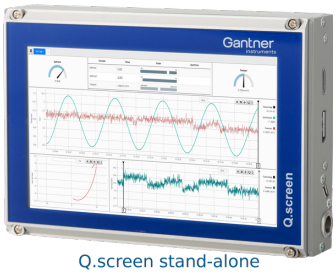
Q.screen

Touch Screen Display for Q.station

Q.screen is the touch screen display or the Q.series X product family and can be used with the Q.station XT, Q.raxx X Station T and Q.brixx X Station T. User defined display pages can be generated with test.con. Available for mounting in 19" racks and panels for fixed installations or as a "hand-held" device e.g. for Q.brixx X as portable solution. With Q.screen customized HMI solutions become available for Q.series X.



Q.screen rack / Panel mount



Q.screen stand-alone

Key Features

- 7" W (800 x 480) TFT-LCD
- Touch Screen Display
- 10 to 30 V Supply
- Luminance 450 cd/m²
- Display-Port or HDMI (Stand-alone version only)



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Technical Data

Display

Active screen size	7" (approx. 180 mm)
Outline-dimension	170 x 106.3 x 10 mm (W x H x D)
Pixel pitch	0.1905 x 0.1905 mm
Pixel format	800 horiz. by 480 vert. Pixels, RGB stripe arrangment
Color depth	8bit, 16M colors
Luminance, White	450 cd/m² (center 1 Point, Typ.)
Viewing angle (CR > 10)	viewing angle free (R/L 178 (Min.), U/D 178 (Min.))
Display mode	Transmissive mode, Normally Black
Surface treatment	Anti glare treatment of the front polariser

Power consumption

Power consumption	6 W
Power consumption Standby	750 mW

Envirinmental

Operating temperature	+ 10 °C to + 40 °C
Storage temperature	-20 °C to +70 °C
Relative humidity	20 % to 85%, non-condensing

Additional Stand-alone Version Specifications

Connector	
Channels	4
Type	LEMO Plug Connector Micro USB 2.0 (Touchscreen) Display Port (Type 3600 HFR) HDMI (Type 3660HF1R)
Input voltage	
LEMO Plug Connector	10 to 30 V, overvoltage and overcurrent protection

Ordering Information

Article number	543929 (585632 Stand-alone)

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