

emVIEW-8T/D

8.4" Industrial Touch Display



PRODUCT DESCRIPTION

The emVIEW-8T/D is an industrial touch-display which can ideally be used as an HMI, e.g. to visualise dashboards. IP65 front protection is ensured by an 8 mm bend-proof aluminium front panel. The systems are based on long-term available displays and electronic components. Custom configurations and designs are available upon request.

FEATURES

Display

- 8.4" SVGA display size
- LED backlight technology
- Aspect ratio: 4:3 (Landscape)
- Resolution: 800 x 600
- Luminance: 450 cd/m² (typ.)
- Contrast ratio: 600:1 (typ.)
- MTBF of back light: 50,000 h

Touchscreen

- 4-wire resistive touch screen
- Capacitive touch screen (PCT) for multi-touch use available on request
- Internally connected via serial line

External Interfaces & Buttons

- Video Input Signals
 - DVI-D ¹⁾
 - VGA ²⁾
- Touch Screen Controller Signals
 - USB (Type B) ³⁾
 - RS232 serial port (D-SUB) ¹⁾
- 5 x Control Button for

- Power (On/Off)
- Activating OSD (On Screen Display)
- Confirming OSD settings
- Up & down navigation within OSD menu

Power Supply

- Input 14 ... 32 V_{DC}

Environment

- -20 °C ... 60 °C ambient operating temperature
- -20 °C ... 75 °C storage temperature
- Humidity 0 ... 80 % @ 25 °C, non-condensing
- Dimensions:
 - Frame Thickness: 8 mm
 - Frame Size: 256,4 x 189,4 mm
 - Built-In depth: 38 mm

Options

- Projective Capacitive Touchscreen (PCT)
- Function Keys in front (capacitive or mechanical)
- RFID wireless scanning unit integrated in front design
- Customized front design
- IP67 housing with swing arm mounting

¹ Cable lengths up to 10 m available

² Cable lengths up to 15 m available

³ Cable lengths up to 5 m available