

# emVIEW-12T/D

## 12.1" Industrial Touch Display



### PRODUCT DESCRIPTION

The emVIEW-12T/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

- 12.1" XGA display size
- LED backlight technology
- Aspect ratio: 4:3 (Landscape)
- Resolution: 1024 x 768
- 16.7 Mio colours
- Luminance: 600 cd/m<sup>2</sup> (typ.)
- Contrast ratio: 1000:1 (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-I <sup>1)</sup>
  - DisplayPort <sup>2)</sup>
- Touch Screen Controller Signals
  - USB (Type B) <sup>3)</sup>
  - RS232 serial port (D-SUB) <sup>1)</sup>
- 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<sub>DC</sub>

#### Environment

- 0 °C ... 50 °C ambient operating temperature
- -20 °C ... 80 °C storage temperature
- Humidity 0 ... 80 % @ 25 °C, non-condensing
- Dimensions:
  - Frame Thickness: 8 mm
  - Frame Size: 320 x 260 mm
  - Built-In depth: 43 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

<sup>1</sup> Cable lengths up to 10 m available

<sup>2</sup> Cable lengths up to 15 m available

<sup>3</sup> Cable lengths up to 5 m available