

# emVIEW-Display

## emVIEW Touch Display for industry



### PRODUCT DESCRIPTION

The emVIEW Touch Display is a self-developed Janz Tec product which can ideally be used as an HMI, e.g. to visualise dashboards. The standard sizes are available in sizes from 12 to 15 inches. Custom hardware configuration and designs are available upon request.

### FEATURES

#### Display

- 12.1" or 15.0" TFT display <sup>1)</sup>
- LED backlight technology
- Aspect ratio 4:3
- Viewing Angle: up to 178 ° <sup>1)</sup>
- Luminance: Up to 600 cd/m<sup>2</sup> <sup>1)</sup>
- Contrast Ratio: up to 2500:1 <sup>1)</sup>
- MTBF of back light: 50,000 h

#### Touchscreen

- Resistive touchscreen with single touch

#### External Interfaces & Buttons

- Video Input Signals
  - DVI-I
  - DisplayPort
- Touch Screen Controller Signals
  - USB (Type B)
  - RS232 serial port (D-SUB)
- 5 x Control Button for
  - Power (On/Off)
  - Activating OSD (On Screen Display)
  - Confirming OSD settings
  - Up & down navigation within OSD menu

<sup>1</sup> Feature depends on system type. Please see table SYTEM DEPENDENT FEATURES for further information

### Environment

- Ambient operating temperature: 0 °C ... 50 °C
- Non-operating temperature range: -20 °C ... 75 °C
- Humidity: 0 % ... 80 % @ 25 °C, non-condensing
- IP65 front protection, IP20 rear protection

### Power Supply

- 14 ... 32 V<sub>DC</sub>

### Options

- Function Keys in front (capacitive or mechanical)
- RFID wireless scanning unit integrated in front design
- Customized front design possible
- IP67 housing with swing arm mounting
- Capacitive touch screen (PCT) for multi-touch use

### SYSTEM DEPENDENT FEATURES

System Type	emVIEW-12T/D	emVIEW-15T/D
Display size	12.1"	15.0"
Display resolution	1024 x 768	1024 x 768
Contrast Ratio	1000:1	2500:1
Viewing angle	178 ° (hor.) 178 ° (vert.)	176 ° (hor.) 176 ° (vert.)
Luminance	600 cd/m <sup>2</sup> (typ.)	500 cd/m <sup>2</sup> (typ.)
Dimensions in mm (w x h x d)	320 x 260 x 51	382 x 286 x 58
Built-in depth in mm	46	48