

Touch Industrial Monitor Front Panel 10.1

Datasheet

- Panel
- Interfaces
- Power Supply
- Mechanical & Environmental
- Ordering Information



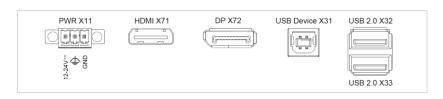
Panel

| LCD Size | 10.1 inch (25.7 cm) |
|-------------------------------------|--|
| Resolution | 1280 x 800 |
| Aspect Ratio | 16:10 |
| Technology | TFT |
| Colours | 16.2M |
| Backlight | LED |
| Backlight Life Time | 50,000 h |
| Luminance* | 500 cd/m ² |
| Contrast Ratio* | 800 : 1 |
| Viewing Angle* (right/left/up/down) | 85°/85°/85°/85° |
| Touch | Projected Capacitive Touch, Multitouch, Anti-Glare |

^{*}The values are referring to the display only.

Interfaces

| USB | 2 x USB Host 2.0 (Type A) 1 x USB Device 2.0 (Type B) |
|-------|--|
| Video | 1 x DisplayPort 1.2 1 x HDMI 1.3 |



Doc.No.: PA10012049 1 / 3 Nov. 2022, Revision 00



Touch Industrial Monitor Front Panel 10.1

Datasheet

Power Supply

| Supply Voltage | 12 - 24 VDC ± 20 % |
|--------------------------|---|
| Power Consumption (max*) | up to 15 W |
| Power Button | No |
| Power Connector | Phoenix 3-pin MC 1,5/ 3-STF-3,5 BK (screwable) |
| Fuse | 5 A, very fast-acting, non-exchangeable, Type: Littelfuse 0437 005. |

^{*}max. periphery consumption included (e.g. 1 x USB 2.0 equals 2.5 W)

Mechanical & Environmental

| Housing Front | Glass, Black Frame |
|-----------------------|---|
| Housing | Aluminium / Silver |
| Dimensions | 273 x 190 x 57 [mm] |
| Cutout | 262 x 179 [mm] rounded corners with radius 10 mm, see technical drawing |
| Weight | max. 2.3 kg |
| Cooling | Passive |
| Operating Temperature | 0 ~ 50 °C |
| Storage Temperature | -10 ~ 70 °C |
| Humidity | 5 ~ 80 % (non condensing) |
| Protection Class | IP65 (IP20 rear) |
| Certification | CE, EN55032 Class A, EN55035 |

Never cover the Touch Industrial Monitor Front Panel 10.1 completely on the back or build it in a small closed and unvented housing.

Detailed size information can be found in the technical drawing under the following link:

Technical drawing Front Panel 10.1"

Doc.No.: PA10012049 2 / 3 Nov. 2022, Revision 00



Touch Industrial Monitor Front Panel 10.1

Datasheet

Ordering Information

| Ordering-No. | |
|--------------|---|
| PA10009509 | Touch Industrial Monitor Front Panel 10.1 |

Disclaimer

Christ Electronic Systems GmbH reserves the right to change the information, designs and technical data contained in this documentation without prior notice, as the products are subject to constant further development. No guarantee is given that the data is complete, up-to-date and correct. In this document, all brand names as well as software and hardware designations used are subject to the respective companies, general trademark, brand or patent protection.

Contact

Christ Electronic Systems GmbH Alpenstraße 34 87700 Memmingen

Phone:

+49 8331 8371-0 (Main Office) +49 8331 8371-500 (Service) Mail: info@christ-es.de

Homepage:

https:\\www.christ-es.com

© Christ Electronic Systems GmbH

Doc.No.: PA10012049 3 / 3 Nov. 2022, Revision 00