

## VL-710 STYLE

**HMI / Control panel with 10.1" TFT, multitouch capacitive glass touchscreen, resolution 1280x800 pixel, expanded temperature range -20°-+60°C**

**Part nr.: 11821**

Interfaces:

3x Ethernet, 2x USB Host (2.0), 1x serial (RS-232/RS-422/RS-485), 1x SD card, 2x expansion slot

Supply voltage: 24V DC



The **VL-710 STYLE** is popular control panel from **STYLE** series with capacitive glass touchscreen (multitouch) an a huge amount of interfaces for automation:

3x **Ethernet** 10/100, 2x **USB** Host (2.0), a combined **serial Interface** (RS-232/RS-422/RS-485), 1x SD card and 2 expansion slots.

The glass touchscreen and the bright 10.1" TFT with 16M colours allow to realise high-class user interfaces with multiple functions and indicators. The software **jMobile Studio** (not included in delivery, has to be ordered separately) is used to create the visualisation and provides the following essential options:

- Full vector graphic support. Native support of SVG graphic objects, transparency and alpha blending
- Data display in numerical, text, bargraph, analog gauges and graphic image formats
- Rich HMI features: data acquisition and logging, trend presentation, alarm handling, scheduler and timed actions
- User management
- E-mail
- RSS feeds
- Wide selection of communication drivers available with multiple-driver communication capability
- On-line and off-line simulation with JMobile Studio
- Rich gallery of objects and symbols

The following chart represents the most important features of the device. Please see the users guide for further information.

**Display**

Type	TFT
Resolution	1280x800
Active display area	10.1" diagonal
Colors	16M
Backlight	Yes, LED
Brightness	500 Cd/m <sup>2</sup> typ.
Dimmable	Yes

**System resources**

CPU	ARM Cortex A9 dual core, 800 MHz
Operating system	LINUX RT
RAM	1 GB
Flash	4 GB
Real Time Clock	Yes
RTC backup	Yes, rechargeable battery
Buzzer	Yes

**User interfaces**

Touchscreen	Yes
Typ	Glass, (capacitive) multitouch

**Interfaces**

Ethernet	1x 10/100/1000 MBit 2x 10/100 MBit
USB	2x Host V2.0, max. 500 mA
Serial	1x RS-232/RS-422/RS-485, software configurable
SD card	Yes, 1x
Expansion slot	Yes, 2x

**Power supply**

Supply voltage	24V DC (10..32V DC)
Power consumption	1.0A max. @ 24V DC
Fuse	Yes, resettable fuse

**Environmental conditions**

Operating temperature	-20°..+60°C (vertical installation)
Storage temperature	-20°..+70°C
Humidity	5..85% rel. humidity, non condensing
Protection class	Front: IP66 Rear: IP20

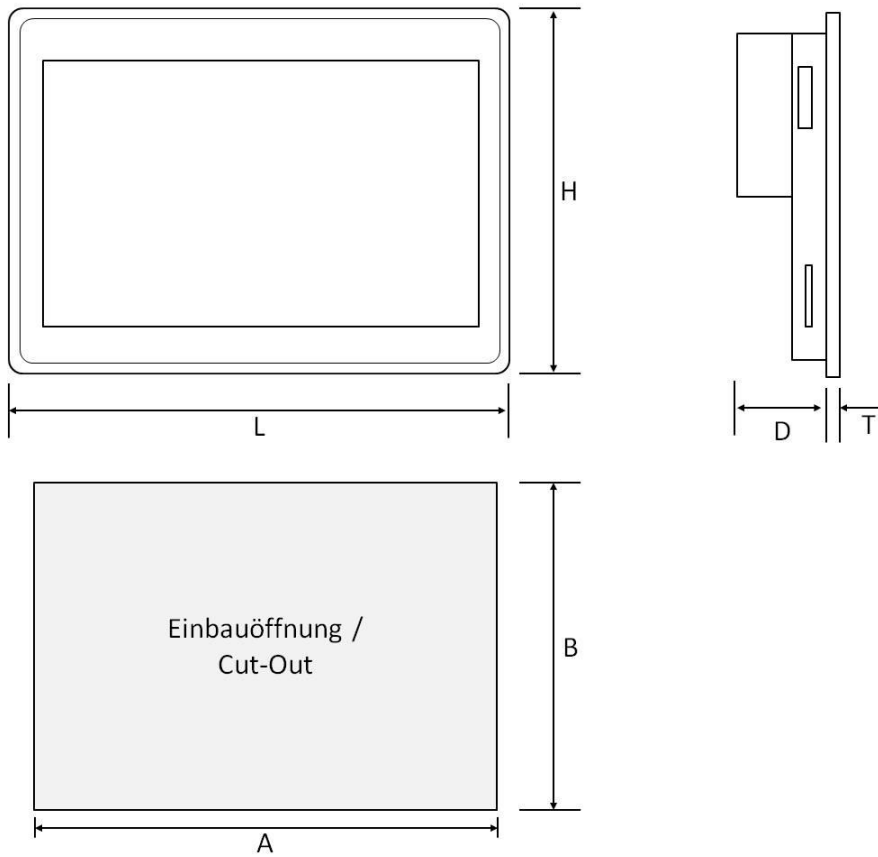
**Dimensions and weight**

Faceplate (LxH)	282 x197 mm
Cutout (AxB)	271 x186 mm
Depth (Housing + front) (D+T)	56 mm + 8 mm
Weight	1.7 Kg

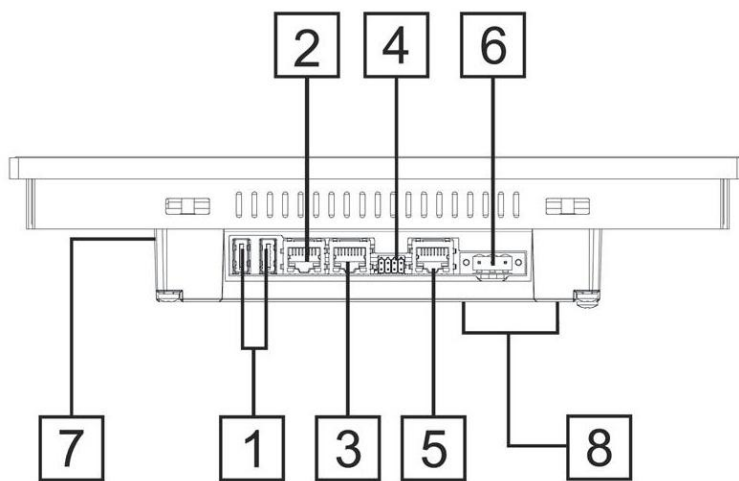
**Approvals**

CE	Emission EN 61000-6-4 Immunity EN 61000-6-2, for installation in industrial environments
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**Dimensions:**



**Connections:**



- 1 USB Host 1+2 (2.0)
- 2 Ethernet/LAN 2
- 3 Ethernet/LAN 1
- 4 Serieller Port / serial port
- 5 Ethernet/LAN 0
- 6 Versorgung / Power supply
- 7 SD Kartenslot / SD Card slot
- 8 2x Erweiterungs-Steckplatz / Expansion slot for plug-in modules

**Ordering information**

Article text	Part number	Description
VL-710 STYLE	11821	MultiTouch HMI with 10,1" TFT, widescreen, WXGA 1280x800 pixel, 16M colours, LED backlight, dimmable, 4 GB Flash, 1 GB RAM, ARM Cortex-A9 dual core 800 Mhz, Linux RT, 1x Ethernet port 10/100/1000, 2x Ethernet ports 10/100, 2x USB Host (2.0), 1x serial, 1x SD slot, 24V DC, 1.0A, front IP66, rear IP20, glass surface, ambient temperature: expanded, -20°C bis +60°C With jMobile runtime and EnOcean Modbus driver Dimensions: front 282x197mm, cutout 271x186 mm Device hardware identical with EXOR eX710

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