

Features

- Direct PC interface
- 18 in flat panel monitor
- Panel or rack mount in general-purpose areas
- Touchscreen options
- Antiglare and stainless options

Application

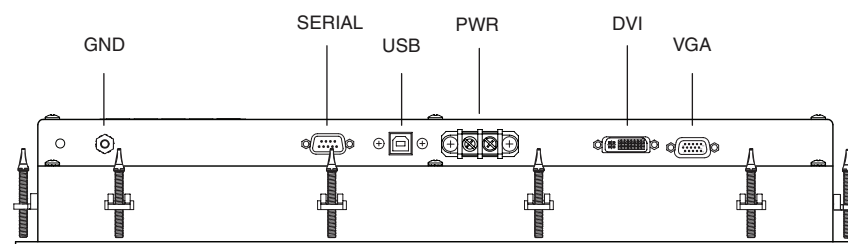
This product is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

It incorporates an industrial grade, high performance active matrix LCD panel, an optional touchscreen, and will connect directly to any DVI, VGA, or NTSC video signal.

It is available in many configurations.



Connection



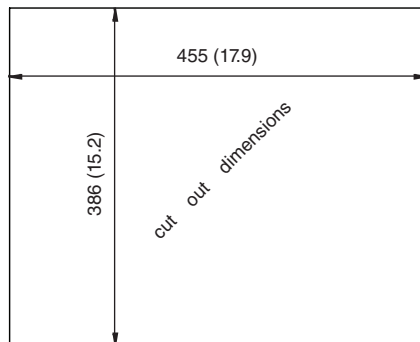
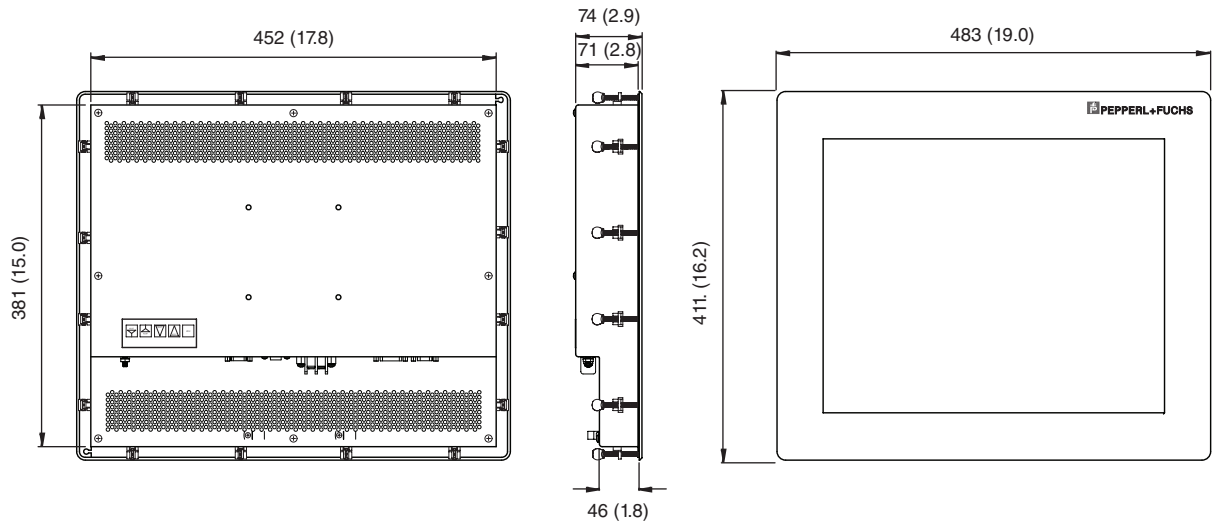
Supply	
Connection	Two-position screw terminal
Input voltage	+ 12 V DC @ 3.8 A continuous
Indicators/operating means	
Display	
Type	5-wire resistive 5-wire hardened resistive
Screen diagonal	18.1 "
Response time	15 ms
Resolution	1600 x 1200, 1280 x 1024 (native mode) , 1024 x 768 , 800 x 600 , 640 x 480 Maximum resolution: 1600 x 1200
Color depth	24 bit (16.7 M) color supported in any video mode
Contrast	300:1
Brightness	Standard : 240 nit
Reading angle	170° horizontal , 170° vertical
Life span	Back lamp life: 50,000 hrs typical half life (replaceable)
MTBF	550000 h (see manual)
Input devices	15-pin VGA, DVI-I Optional interface to NTSC (camera, live video) via standard BNC connector
Touchscreen	5-wire resistive 5-wire hardened resistive
Interface	
Interface type	RS-232 serial or USB port to host computer via standard cable
Directive conformity	
Electromagnetic compatibility	
Directive 89/336/EEC	EN55022A, EN61000-6-2, EN61000-3-2, EN61000-3-3
Low voltage	
Directive 73/23/EEC	EN60950
Ambient conditions	
Operating temperature	0 ... 50 °C (32 ... 122 °F) ambient, no active cooling devices required
Storage temperature	-10 ... 60 °C (14 ... 140 °F)
Relative humidity	5 ... 90 %, non-condensing
Vibration resistance	5 ... 100 Hz , 1 g, 12 m/s ² , all axes
Impact resistance	30 g, 11 ms, all axes
Mechanical specifications	
Protection degree	NEMA Type 4/12 (front face and seals). Type 4x with stainless option
Installation	panel or rack mount
Mass	10.9 kg
Dimensions	Outer bezel: 411 mm x 483 mm (16.2 in x 19.0 in) Rack mount bezel: 399 mm x 483 mm (15.72 in x 19.0 in) Front bezel thickness: 2.5 mm (0.10 in)
Overall depth	71 mm (2.8 in) with recessed cable ways
Cut out dimensions	386 mm x 455 mm (15.2 in x 17.9 in)
Mounting	VESA 100 mm mounting pattern (peripheral mounting only)
International approvals	
UL approval	E185778

Supplementary information

Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see www.pepperl-fuchs.com.

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Dimensions



Accessories

- PS100-LC
Power supply
- SCBL*
- Serial touchscreen cable
- UCBL*
- USB touchscreen cable
- VCBL*
- Video cable
- TSP18-5
- Screen protector

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Type code

