Features

- Direct PC interface
- 22 in flat panel monitor
- Panel mount in Class I, Div 2 areas
- Touchscreen options
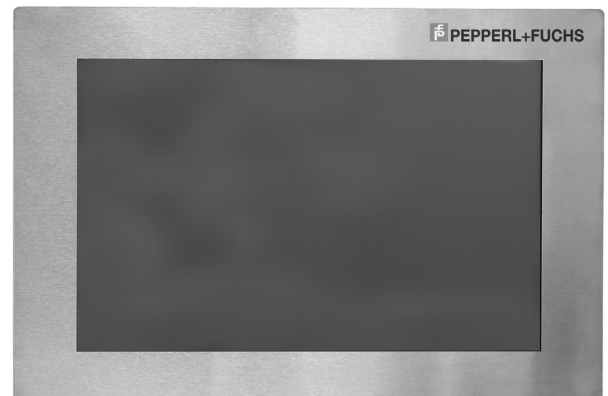- 16:10 widescreen format

Application

Plant floor operator interfaces reduce process inefficiencies and help plant floor operators make informed decisions. The widescreen 16:10 workstation, or larger, is now the norm in process automation control rooms.

The widescreen monitor optimizes software programming efforts by eliminating the labor intensive task of resizing HMI graphics to fit much smaller operator interface screens
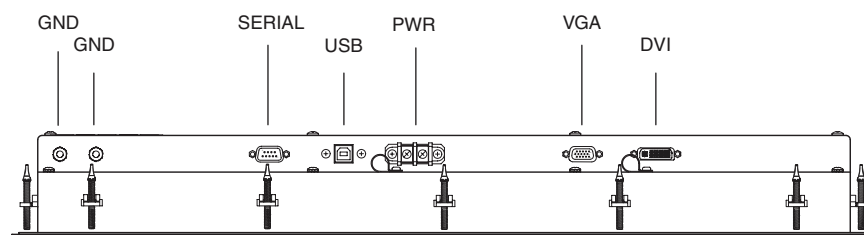
The 22 inch wide screen is a high-performance industrial flat panel monitor. It is designed as an operator interface device for continuous use in heavy-duty conditions.

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.

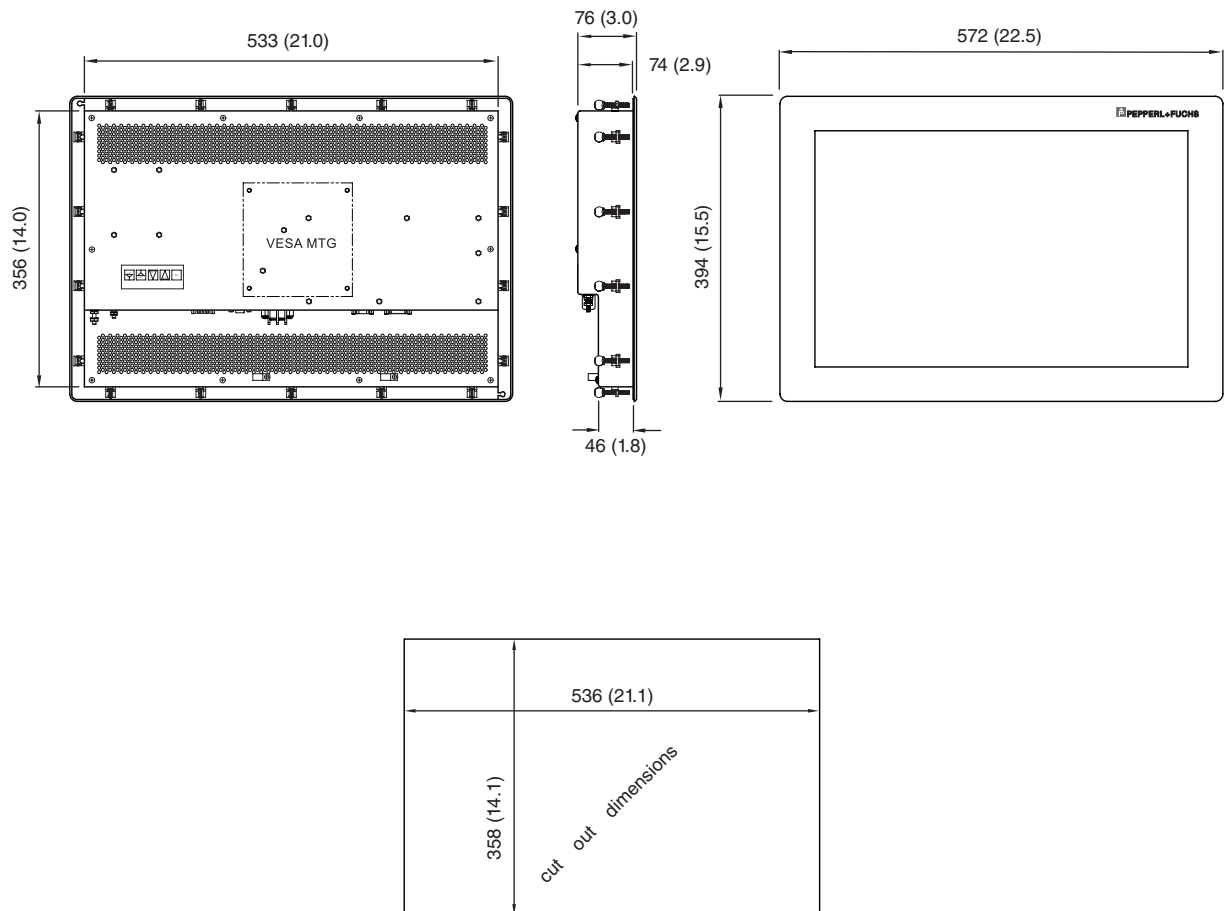It is available in many configurations.

Connection

Supply	
Connection	Two-position screw terminal
Input voltage	+ 12 V DC @ 4.5 A continuous
Indicators/operating means	
Display	
Type	5-wire resistive
Screen diagonal	22 "
Response time	15 ms
Resolution	1680 x 1050 (native mode) , 1360 x 765 , 1280 x 720
Color depth	24 bit (16.7 M) color supported in any video mode
Contrast	1000:1
Brightness	Standard: 300 nit
Reading angle	178° horizontal , 178° 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
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	10 ... 200 Hz , 1.5 g, 30 m/s^2
Impact resistance	50 g, 20 ms, all axes
Mechanical specifications	
Protection degree	NEMA Type 4/12 (front face and seals). Type 4x with stainless option
Installation	panel mount
Mass	15 kg
Dimensions	Outer bezel: 394 mm x 572 mm (15.5 in x 22.5 in) Front bezel thickness: 2.5 mm (0.1 in)
Overall depth	76 mm (3.0 in) with recessed cable ways
Cut out dimensions	358 mm x 536 mm (14.1 in x 21.1 in)
International approvals	
UL approval	E190294

Supplementary information

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

Dimensions

Accessories

PS75-HZ

Power supply

PSCBL*

Power cable

SCBL*

Serial touchscreen cable

UCBL*

USB touchscreen cable

VCBL*

Video cable

TSP22-5

Screen protector

Type code

| D | M | 5 | 2 | 2 | – | A | 0 | – | D | 2 | – | S | S | – | N | T |

N0   No option
NT   NTSC input

N0   Painted steel, panel mount
SS   Stainless steel, panel mount

D2   Class I / Div 2, Class II / Div 2

A0   Non-touch screen with antiglare
TA   Resistive touch antiglare

22   22 in monitor

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