

Direct Monitor Unit

DMU3200-*



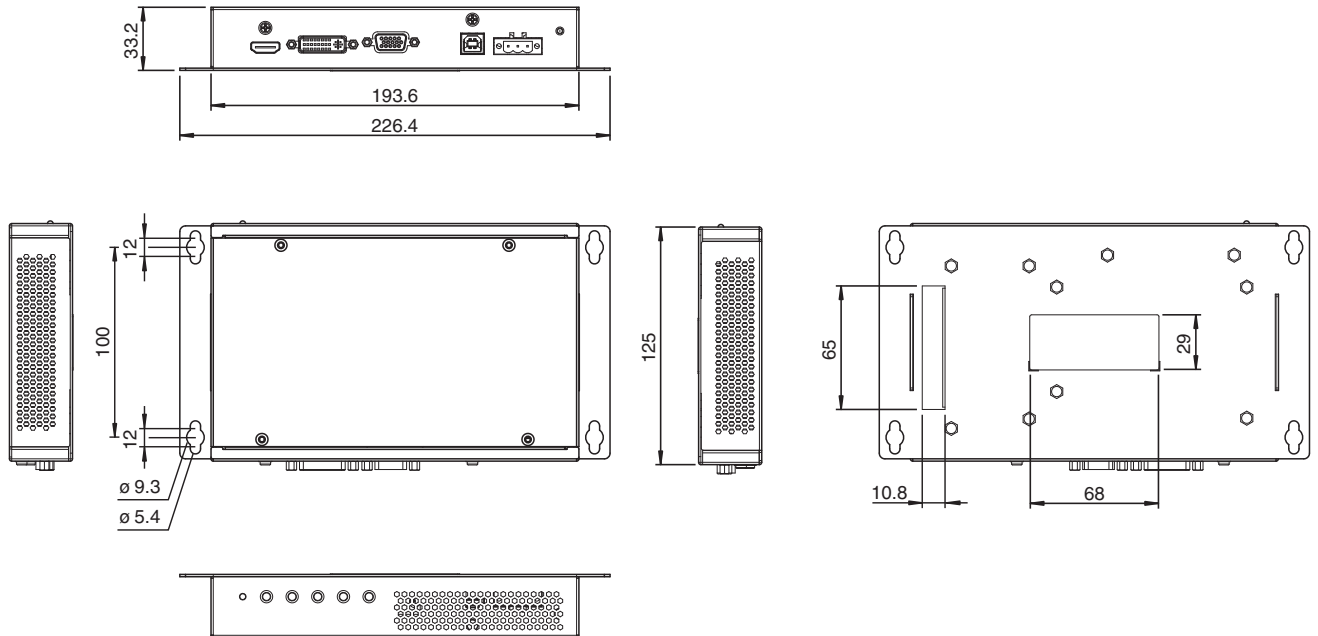
- Allows direct connection of Display to a PC video interface
- Offers HDMI, DVI and VGA interface for high connectivity flexibility
- Capacitive Touchscreen support via USB interface
- Supports up to Full HD screen resolution
- Robust, fanless industrial design with -20 ... +55 °C operating temperature range

Direct Monitor Unit

Function

The Direct Monitor 320*- series is a component of the VisuNet FLX 3200 Direct Monitor series (DM-320*) and represents the video interface for a connected Pepperl+Fuchs Display Unit (DPU3200* series). It offers modern digital video interfaces (HDMI) and legacy digital (DVI) and analog video interfaces (VGA) for a broad application flexibility. Furthermore, the touch screen signals of a connected display unit can be used by the connected PC via the USB interface. The built-in OSD menu allows the adjustment and configuration of the displayed image, including scaling factors, brightness, contrast etc.

Dimensions



Technical Data

General specifications

Type Direct Monitor Unit

Supply

Power consumption

Technical Data

DC	24 V d. c. (20 ... 28 V d. c.) (SELV/PELV or class 2)
Interface	
Interface type	1x Power input w/ 3 pin terminal block 1x HDMI 1x DVI-I 1x VGA 1x USB 1x 3,5mm audio jack (Line-out) 1x OSD Menu w/ power button
Communication	Communication Distance: HDMI (typ. 5m @ Full HD) DVI-I (typ. 5m @ Full HD) VGA (typ. 10m @ Full HD) USB (Touch-) signal (max. 5m) depends on quality of cable and environment (EMC)
Resolution	Maximum resolution: Full HD (1920 x 1080)
Directive conformity	
Electromagnetic compatibility	
Directive 2014/30/EU	DIN EN 55035:2018-04
RoHS	
Directive 2011/65/EU (RoHS)	EN IEC 63000:2018
Ambient conditions	
Operating temperature	-20 ... 55 °C (-4 ... 131 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Relative humidity	max. relative humidity 93% at 40°C (non-condensing) according to EN60068-2-78
Shock resistance	Acceleration: 15 g Duration: 11 ms Shocks: 18 (3 per axis per direction)
Vibration resistance	Amplitude / acceleration: +/- 0.075 mm // 1 g Frequency range: 10Hz - 150 Hz Sweeps: 20
Mechanical specifications	
Degree of protection	IP 20
Material	Painted sheet metal
Mass	1 kg
Dimensions	226 mm x 125 mm x 33 mm
Mounting	Direct mounting to P+F Display Unit (3200 series)
General information	
Supplementary information	Only available as replacement part in combination with a P+F Display Unit of 3200 series

Product Versions

DMU3200-*

Part number	Part name	Description
70128304	DMU3200-22GT-V1-N0	Spare part Direct Monitor Unit (DMU) - compatible with VisuNet series 320S* / 320P* - compatible with display option "22GT" - 21,5" display
70128305	DMU3200-22FC-V1-N0	Spare part Direct Monitor Unit (DMU) - compatible with VisuNet series 320S* / 320P* - compatible with display option "22FC" - 21,5" display
70128306	DMU3200-19SC-V1-N0	Spare part Direct Monitor Unit (DMU) - compatible with VisuNet series 320S* / 320P* - compatible with display option "19SC" - 19" display
70128307	DMU3200-15FC-V1-N0	Spare part Direct Monitor Unit (DMU) - compatible with VisuNet series 320S* / 320P* - compatible with display option "15FC" - 15,6" display