18.5 inch industrial display

- 18.5" brilliant TFT-LCD graphic display, 1920 x 1080 pixels
- Robust aluminum housing, low installation depth
- High protection class IP65, flush-mounted design
- HDMI, DVI and VGA interface

https://www.wachendorff-electronics.comDPL002-185N002P

Description

The Series 1 industrial displays are available in sizes from 10.1" to 23.8" and can be equipped with projected capacitive, resistive or no touchscreen. Particularly noteworthy is the only 3 mm thick front frame, which enables almost flush mounting in the panel cut-out.
The housings are IP65 rated on the front and have a very compact and robust design thanks to the specially designed aluminum housing. The low installation depth means that the displays can be used almost anywhere.

Product details

Power supply:	12 VDC to 36 VDC
Power consumption:	Typical power consumption: 18 W Maximum power consumption: 48 W
Display:	18.5" TFT LCD
Resolution:	1920 x 1080 pixels
Aspect ratio:	16:9
Brightness:	300 cd/m² 1000 cd/m² (High Brightness)
Colors:	16.7 million
Reading angle:	H: 89° / V: 89°
Touch screen:	without touch
Interfaces:	USB: RJ45-USB for touch Display: 1x HDMI, 1x DVI, 1x VGA Audio output: 3.5 mm jack
Housing:	Robust aluminum housing
Assembly:	VESA 100 x 100 and/or 75 x 75 Panel mounting
Protection class:	Front IP65
Weight:	approx. 4.85 kg
Dimensions (WxHxD):	486.5 mm x 307.4 mm x 67 mm
Ambient conditions:	Operation: -10 °C to +60 °C, Optional WT: -20 °C to +70 °C High Brightness: 0 °C to +50 °C Storage: -20 °C to +70 °C Up to 95 % r. h., non-condensing
Certifications:	CE FCC Class A CCC
Scope of delivery:	1 × Device 1 × Mounting Material 1 × RJ-45 to USB Cable 1 × VGA Cable (standard length: 1.5 m)
Customs tariff number:	85285210

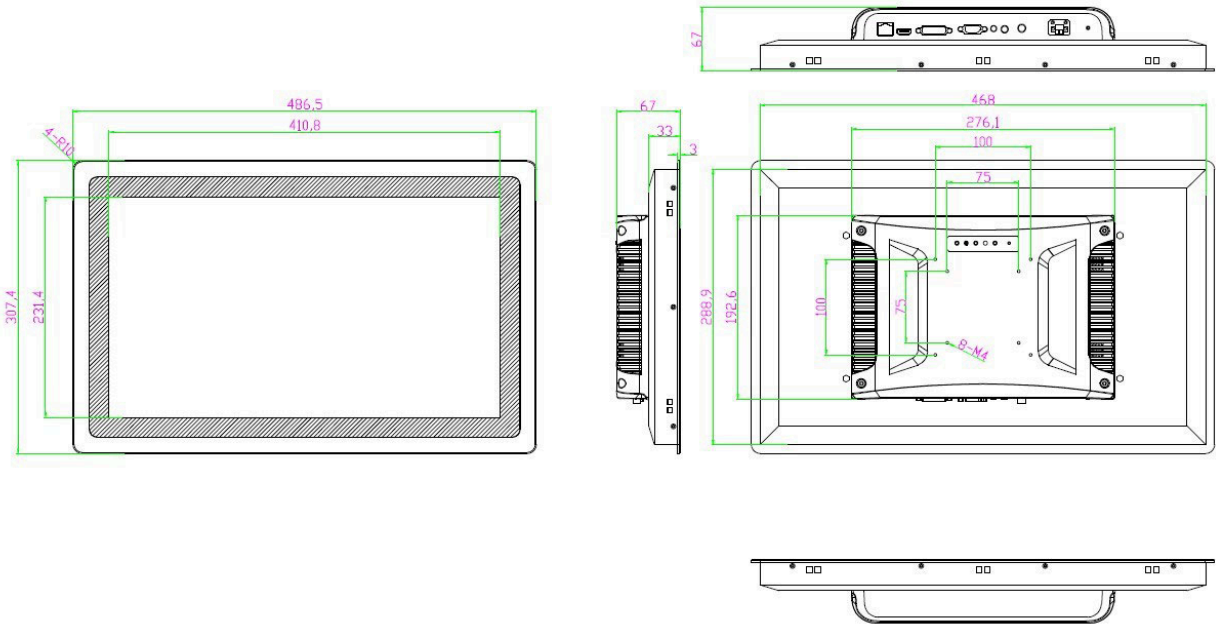
Manufacturer:	Wachendorff Process Technology

Accessories Order no.

PPC-PWRCRD_01	Mains cable / connection cable E+F CEE 7/7 to C13 1.5 m
DPL-PWRADAP_24VDC1.5A	External power supply unit for display, 230 VAC to 24 VDC with hollow connector and C14 plug
PPC-WALL-VESA-01	VESA wall mount metal, 75 x 75, 100 x100, black, including screw accessory pack
PPC-Stand_01	Industrial monitor/display stand, VESA 100x100, black
PPC-Stand_02	Industrial monitor/display stand, VESA 100x100, silver

Drawings

Dimensions (mm) and STL file/viewer:



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