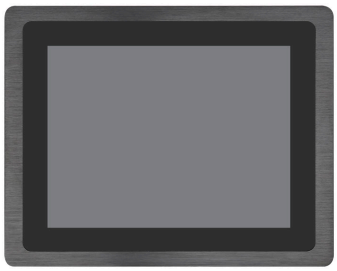
# 12 inch industrial display



- 12" brilliant TFT-LCD graphic display, 1024 x 768 pixels
- Robust aluminum housing, low installation depth
- High protection class IP65, flush-mounted design
- HDMI, DVI and VGA interface

**https://www.wachendorff-electronics.comDPL002-120C002P**

## 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 front frame, which is only 3 mm thick, enabling 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<br>Maximum power consumption: 48 W |
| Display: | 12" TFT LCD |
| Resolution: | 1024 x 768 pixels |
| Aspect ratio: | 4:3 |
| Brightness: | 500 cd/m²<br>1000 cd/m² (High Brightness) |
| Colors: | 16.7 million |
| Reading angle: | 85/85/85/85 (L/R/U/D) |
| Touch screen: | capacitive touch |
| Glass hardness: | 6H |
| Interfaces: | USB: RJ45-USB for touch<br>Display: 1x HDMI, 1x DVI, 1x VGA<br>Audio output: 3.5 mm jack |
| Housing: | Robust aluminum housing |
| Assembly: | VESA 100 x 100 and/or 75 x 75<br>Panel mounting |
| Protection class: | Front IP65 |
| Weight: | approx. 2.7 kg |
| Dimensions (WxHxD): | 319 mm x 257 mm x 59.5 mm |
| Ambient conditions: | Operation: -10 °C to +60 °C,<br>Optional WT: -20 °C to +70 °C<br>High Brightness: -30 °C to +70 °C<br>Storage: -20 °C to +70 °C<br>Up to 95 % r. h., non-condensing |
| Certifications: | CE<br>FCC Class A<br>CCC |
| Scope of delivery: | 1 × Device<br>1 × Mounting Material<br>1 × RJ-45 to USB Cable<br>1 × VGA Cable (standard length: 1.5 m) |

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|---|---|
| Customs tariff number: | 85285210 |
| Manufacturer: | Wachendorff Process Technology |

## Products Order no.

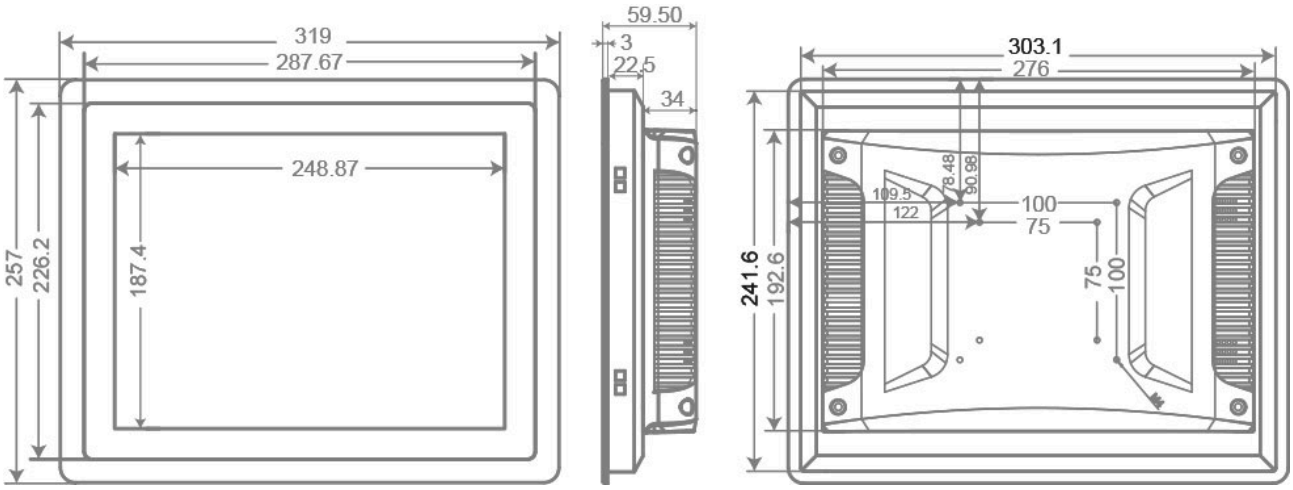
| | |
|---|---|
| DPL002-120C002P | 12 inch industrial display<br>Aluminum housing, capacitive touch |

## 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-TOUCH-RJ-USB | Touch cable RJ-45 to USB type-A 1.5 m<br>(spare part) |
| 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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