

18.5" WebPanel WPC002-185RAT



- 18.5" brilliant TFT-LCD graphic display, 1920 x 1080
- Resistive touch
- IP65 front, flush frame design
- Integrated WiFi and Bluetooth
- Fanless design

<https://www.wachendorff-electronics.com/WPC002-185RAT>

Description

The Series 1 WebPanels with the RK3399 chipset are available in sizes from 10.1" to 23.8" and can be equipped with either a projected capacitive, resistive or no touchscreen. Particularly noteworthy is the especially flat front frame, which enables almost aligned mounting in the panel cut-out.

The RK3399 chipset has a quad-core Cortex-A53 with up to 1.4 GHz and dual-core Cortex-A72 with 1.8 GHz. The housings are IP65 rated at the front and have a very compact and robust design thanks to the specially designed aluminium housing. The low installation depth means that the displays can be used almost anywhere.

Product-Details

Power supply:	Hollow connector 5.5 x 2.5 mm: 12 VDC to 36 VDC Screw terminal: 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 Pixel
Aspect ratio:	16:9
Brightness:	300 cd/m ² 1000 cd/m ² (High Brightness)
Colours:	16,7 M.
Viewing angle:	89/89/89/89 (L/R/U/D)
Touchscreen:	resistive touch
Glas hardness:	3H
Processor:	RK3399-Quad-Core Chip Dual Core Cortex-A53 up to 1.4 GHz Quad-Core Cortex-A72 up to 1.8 GHz
RAM:	4 GB DDR3 RAM
Storage:	Onboard 64 GB eMMC NAND Flash
I/O-ports:	USB: 1x USB 3.0 Typ A, 1x USB 2.0 Typ A Serial DB9: 1x RS-232 12-pin screw terminal: 1x RS-485, 1x RS-232, 1x TTL, 3x GPIO Ethernet: 1x 10/100/1000 BaseT(X), RJ45, galvanically isolated Display: 1x HDMI-output Audio In/output: 3.5 mm jack Memory card slot: microSD-Slot Sim card slot: Standard SIM (without function as standard) WLAN: 1x 802.11 a/b/g/n/ac/ax Bluetooth: 1x Bluetooth 5.0

Housing:	Robust aluminium housing
Mounting:	VESA 75 x 75, VESA 100 x 100 Panel mount
Protection class:	IP65 at the front
Weight:	Approx. 5.03 kg
Dimensions (WxHxD):	486.5 mm x 307.4 mm x 67 mm
Environmental conditions:	Operation: -10 °C to +60 °C Optional WT: -20 °C to +70 °C High Brightness: 0 to +50 Storage: -20 °C to +70 °C 95 %, non-condensing
Certifications:	CE FCC Class A CCC
Operating system:	Android Android + AutomationBrowser (Standard, für SAA-Visualisierungen auf Anfrage)
Packing list:	1x device 1x mounting material
Tariff number:	84714100
Manufacturer:	Wachendorff Prozesstechnik

Products Order no.

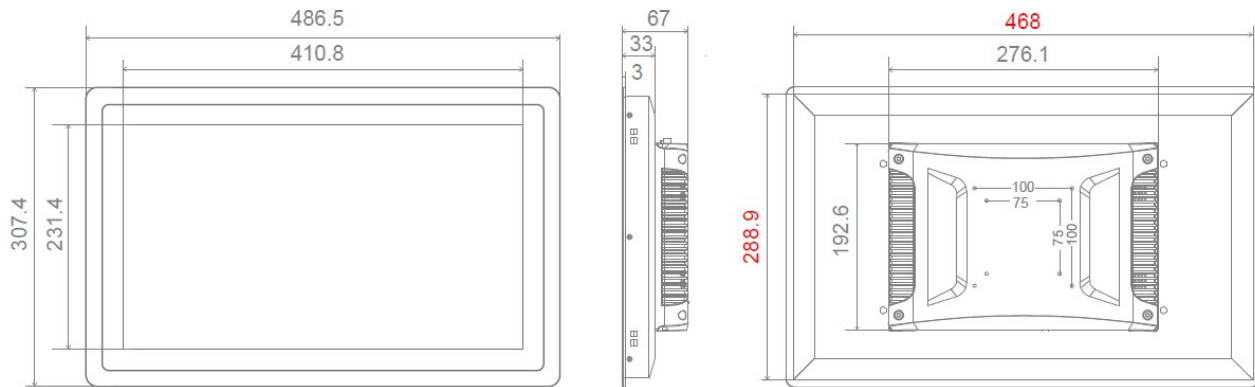
WPC002-185RAT04064AAV02P-A	18.5" web panel, resistive touch, automation browser.
WPC002-185RAT04064AAV02P	18.5" web panel, resistive touch.

Accessories Order no.

PPC-PWRCRD_01	Mains cable / connection cable E+F CEE 7/7 to C13 1.5 m
WPC-PWRADAP_24VDC2.5A	External power supply unit for WebPanel, 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

Drawings (mm):





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