



Web Panel – OPW9000 series

Web-based HMI solution for operating machines and system

The OPW9000 web panel series combines aesthetics, robustness and advanced technology that is specially tailored to the requirements of web-based visualisation solutions. With their full HD display in widescreen format, they are ideally equipped for future-orientated software applications. The devices also offer sophisticated added value that goes beyond pure web panel functionality.



Everything at a glance

- > Multi-touch display
- > Three different inch sizes in Full HD resolution
- > Operable with gloves
- > IP65-rated front protection

Top-Features of the Web Panel

- > Integrated IIoT edge data collector for extracting data (OPC UA, Modbus) from the PLC. Push of the data into the ADS-TEC Big-LinX Cloud or other MQTT-based IIoT Cloud possible
- > For the installation of Docker apps, e.g. for implementing a web server directly on the Web Panel or for edge analytics
- > Suitable update concept for every application scenario
 - > Via USB stick
 - > Through the GUI (via the "Update" tab in the ADS-TEC web interface)
 - > Remote access from the office / via the company network
 - > Remotely and globally through the secure ADS-TEC remote maintenance solution Big-LinX: Planning and executing firmware updates, as well as easy device management, e.g. with device groups (multiple devices updatable with a mouse click)

Quick installation

- > The innovative mounting concept of the OPW9000 series allows easy installation of the device without separate mounting parts

Technical data



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		OPW9016	OPW9019	OPW9024
Display	Resolution	15.6" TFT Full HD	18.5" TFT Full HD	23.8" TFT Full HD
	Brightness	450 nits (typ.)	500 nits (typ.)	250 nits (typ.)
	Contrast ratio	800:1 (typ.)	1000:1 (typ.)	1000:1 (typ.)
	Displayable colors	max. 16.2 million.	max. 16.7 million.	max. 16.7 million.
Touch		PCAP Multi-Touch (can be operated with gloves)		
Housing		Die-cast aluminum, powder-coated		
Cooling		Passive cooling, fanless		
Processor		ARM 64-bit NXP i.MX 8 M Plus (quad-core with up to 1.6 GHz)		
RAM		2 GB LPDDR4 RAM		
Mass storage		8 GB eMMC Flash		
Power supply		24 VDC (+/- 20 %) with 3-pin power connector		
Interfaces & buttons		2 x RJ-45 (via internal Ethernet switch) 4 x USB 3.0 Type A (via internal USB hub) 1 x Factory Default Button		
OS/GUI		ADS-TEC embedded Linux/HTML5 Chromium Browser		
Others		Connection via Big-LinX via software certificate WLAN/Bluetooth optional for project inquiries from 2025		
Operating temperature		0°C to +50°C	0°C to +50°C	0°C to +45°C
Dimensions (W x H x D)		392 x 266 x 77 mm	459 x 304 x 77 mm	571 x 367 x 76 mm
Weight		approx. 5.0 kg	approx. 5.8 kg	approx. 8.1 kg

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