



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-oriented 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

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Technical data

		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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