Web Panel – MEW9000 series

Robust web-based HMI solution for operating machines and systems

The web panels of the MEW9000 series with full HD displays in widescreen format are optimally designed for the increasing requirements in machine visualisation through the use of web-based visualisation solutions. In addition, these devices offer intelligent functions that go beyond pure web panel functionality, enabling flexible and simple integration into web-based visualisation environments.

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Everything at a glance

> **Multi-touch display**

> **Three different inch sizes in Full HD resolution**

> **Operable with gloves**

> **IP65-rated front protection, IP65 optionally on the back side**

> **Extended operating options with the additional key module**

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)

Flexible mounting concept

> **Easy and flexible mounting arm and VESA mounting for effortless integration into machines and systems**

Technical data

		MEW9016	MEW9019	MEW9024
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)		400 x 270 x 80 mm	465 x 310 x 80 mm	575 x 370 x 80 mm
Weight		approx. 5.0 kg	approx. 6.0 kg	approx. 8.0 kg

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