

The future of visualisation: industrial web panels for your machines and systems

The ads-tec Industrial IT GmbH is expanding its product portfolio in the field of industrial human-machine interfaces (HMIs) and is presenting the new web panels, which have been specially developed to meet the requirements of modern machine and system visualisation. With their robust features and versatile application options, the MMW8000, MEW9000 and OPW9000 web panels offer flexible and powerful solutions that impress with their advanced technology, user-friendliness and appealing design, thus meeting the requirements of modern Industry 4.0 environments.

Everything a modern web panel needs

All web panels are equipped with an integrated HTML5-capable browser, which enables a flexible and future-proof visualisation solution. The use of web technologies makes it easy to update the visualisation without having to make any adjustments to the display device. The devices also offer high scalability and can be flexibly adapted to different user requirements.

Top features for a networked Industry 4.0

Thanks to NXP's 64-bit ARM processor, the new web panels from ADS-TEC Industrial IT are not only powerful visualisation devices, but also offer extended functions for Industry 4.0 requirements, such as:

- An integrated IIoT Edge data collector enables data to be recorded directly from the PLC. By pushing data to the MQTT-based IIoT Cloud, the devices create a seamless connection between the machine and IT worlds and enable effective data analysis and utilisation.
- The web panels are also equipped with an integrated Docker Engine, which means they can be customised to meet specific requirements. Companies can implement applications such as web servers or edge analytics solutions directly on the panels, which eliminates the need for additional hardware and increases flexibility in production.

ADS-TEC offers also a wide range of update concepts. This ensures that software updates can be carried out reliably, guaranteeing operational reliability, long-term functionality and adaptability to future requirements. Customers can thus protect their investments in the long term.

With these innovative functions, the web panels combine state-of-the-art visualisation technology with the benefits of a fully networked IIoT infrastructure.

The Web Panels in detail

Stainless steel web panels for the highest hygiene standards

The MMW8000 series is designed for use in hygienically sensitive environments. With a fully enclosed stainless steel housing, these web panels fulfil the highest hygiene requirements in accordance with EHEDG

guidelines and DIN EN ISO 14159:2008. Available in 17.3" and 23.8", they offer capacitive multi-touch displays that can also be operated with gloves.

Flexible Web Panels for VESA and support arm mounting

The MEW9000 series offers web-based HMIs that are ideal for the production of the future. Devices can be mounted on support arms or stands using VESA or various tube adapters. An optional additional button module enables the integration of hardware buttons, including an emergency stop function, to meet the high safety requirements in machine and plant construction.

Built-in Web Panels for seamless machine integration

The fanless built-in web panels of the OPW9000 series impress with their modern technology, three screen sizes (15.6", 18.5" and 23.8") and their elegant design made of powder-coated die-cast aluminium with a glass front. The innovative mounting concept enables effortless integration into machine walls or control panels without separate mounting components.

You can find more information about the new web panels at: www.ads-tec-iit.com/en/products/web-panels/

About ads-tec Industrial IT GmbH

The ads-tec Industrial IT GmbH, based in Nuertingen near Stuttgart, is a fully owned subsidiary of ads-tec Holding GmbH and a family-run technology company that has been developing and producing IT systems for the industrial environment for over 40 years. The product portfolio includes industrial PCs, machine and vehicle terminals & displays, web panels, firewalls, routers and custom products for Industry 4.0. The company's own IIoT service platform rounds off the range.

Press contact

Jessica Kupfer

ads-tec Industrial IT GmbH

Heinrich-Hertz-Str. 1

72622 Nuertingen

Tel. +49 7022 2522-1118

Fax +49 7022 2522-400

presse@ads-tec.de, www.ads-tec-iit.com