



Industrial IT

ADS-TEC Industrial IT Product Overview

09/2025

Follow us



Building a connected future

WHY >> We believe that a connected future can succeed when humans and machines interact easily and securely. By this we mean both the interaction of humans with humans, of humans with machines and of machines with machines.

Technology 100% „Made in Germany“

HOW >> We are passionate about designing user-friendly products that can be easily and perfectly integrated in individual and challenging environments. Thanks to our innovative digital expertise, 100% depth of development and high-quality workmanship we are able to do so effectively.

System platform for digitalisation

WHAT >> We are working passionately towards a connected future by developing and producing hardware, software and IIoT solutions.



Industrial IT

As part of the ADS-TEC Group, we stand for “Advanced System TEChnologies”. Our products are synonymous with technological innovation and play a vital role in building a connected future. We work together with our customers to create solutions in a true spirit of partnership with the aim of fostering long-term relationships. We strive to deliver this commitment every day, to ensure customer satisfaction and long-term success of our company.



Modern HMI solution for the production environment

MES9000: With the new MES9000 series, three application areas are covered with just one product. The MES9000 can be used either as a shop floor terminal, machine panel PC or in harsher environments as a rugged shop floor terminal. The MES9000 series has been designed as a hardware response to the increased requirements of modern visualisation software in automation. These modern HMIs impress above all with their performance, connectivity and usability. Operators of plants and machines can now visualise their manufacturing processes much more clearly and operate them more easily. In addition, operating and order data can be collected efficiently.



> For more information visit
www.ads-tec-iit.com/en/mes-terminals

Industrial Terminals – MES9000 series

	MES9016	MES9019	MES9024
Display	15.6“ TFT Full HD	18.5“ TFT Full HD	23.8“ TFT Full HD
Touch	PCAP Multi-Touch (can be operated with gloves)		
Processor	Intel® Celeron® Intel® Core™ i5		
RAM	Up to 32 GB DDR4 RAM		
Interfaces	4 x USB 3.1, 3 x Ethernet, 1 x DisplayPort 1.2, 1 x smartcard reader Optional: Hilscher netJACK module, HDBaseT™- interface (transmitter), Wi-Fi /Bluetooth, RFID		



Passive cooling



Protection class IP65



IK08 shock resistance



Integrated AC or DC power supply unit



HDBaseT Ready 100m



Fieldbus



Robust HMIs for VESA and support arm mounting

MED9000: The robust monitor of the MED9000 series can be seamlessly integrated into machines and systems, thanks to its straightforward arm and VESA mounting. With its full HD widescreen display and multi-touch technology, it offers top-tier usability. Available in three different inch sizes, this HMI is designed for various application scenarios and the increased requirements with regard to machine visualisation. The optionally integrable HDBaseT receiver module enables the transmission of multimedia signals such as image, sound and touch control up to 100m - via a single cable.

HMI Monitor – MED9000 series

	MED9016	MED9019	MED9024
Display	15.6“ TFT Full HD	18.5“ TFT Full HD	23.8“ TFT Full HD
Touch	PCAP Multi-Touch (can be operated with gloves)		
Interfaces	1 x HDMI, 1 x DisplayPort, 3 x USB 2.0, 1 x USB Slave Optional: HDBaseT interface (receiver)		



> For more information visit
www.ads-tec-iit.com/en/med9000



Protection class IP65



IK08 shock resistance



Integrated DC power supply unit



HDBaseT Ready
100m



Fanless built-in panel PCs for production environments

OPC9000: Our fanless built-in HMI panel PCs provide more freedom in process design in production environments. The innovative mounting concept allows for quick installation in any machine or system - without special tools or separate mounting parts. The integrated 8th generation Intel® processors are a guarantee for smooth human-machine interaction. And for additional connection of fieldbus protocols, our OPC9000 models can be equipped with a Hilscher netJACK module.

HMI Panel PCs – OPC9000 series

	OPC9016	OPC9019	OPC9024
Display	15.6“ TFT Full HD	18.5“ TFT Full HD	23.8“ TFT Full HD
Touch	PCAP Multi-Touch (can be operated with gloves)		
Processor	Intel® Celeron® Intel® Core™ i5		
RAM	Up to 32 GB DDR4 RAM		
Interfaces	4 x USB 3.1, 3 x Ethernet, 1 x DisplayPort 1.2, 1 x smartcard reader Optional: Hilscher netJACK module, HDBaseT™-interface (transmitter)		



> For more information visit
www.ads-tec-iit.com/en/opc9000



Passive cooling



Protection class IP65



IK08 shock resistance



Easy mounting



HDBaseT Ready 100m



Fieldbus



Full-HD monitor solutions for modern software applications

OPD9000: Behind this acronym are our Full-HD widescreen monitors, which make even demanding software applications easy to operate. The built-in multi-touch technology allows for comfortable multi-finger operation - even with work gloves. Thanks to its innovative mounting concept, our OPD9000 monitors can be quickly integrated into control panels and machine housings - completely without special tools or additional mounting parts. With the optional HDBaseT receiver module, the IPC9000 can be installed in the control cabinet and the OPD9000 can be placed up to 100m away.

HMI Monitors – OPD9000 series

	OPD9016	OPD9019	OPD9024
Display	15.6“ TFT Full HD	18.5“ TFT Full HD	23.8“ TFT Full HD
Touch	PCAP Multi-Touch (can be operated with gloves)		
Interfaces	1 x HDMI, 1 x DisplayPort, 3 x USB 2.0, 1 x USB Slave Optional: HDBaseT™-interface (receiver)		



> For more information visit
www.ads-tec-iit.com/en/opd9000



Protection class IP65



IK08 shock resistance



Easy mounting



HDBaseT Ready
100m



Cleanroom-compatible panel PCs for the food, chemical and pharmaceutical industries

The SHP9000: Our Smart Hygienic Panels with fully enclosed stainless steel housing (V4A) set new standards for performance, ease of cleaning and aesthetics in hygiene-sensitive environments – thanks to cutting-edge technology and a screwless design. A well thought-out accessory and expansion concept enables maximum efficiency and versatile application options. The powerful, long-term available processor platform is ideal for demanding processes and ensures lasting system compatibility, while the touchscreen technology allows for precise operation – even when wearing gloves. Certified according to EHEDG guidelines and DIN EN ISO 14159:2008, the SHP9000 is perfectly suited for use in the food, beverage, pharmaceutical and chemical industries, as well as in cleanroom environments.



Stainless steel Panel PCs – SHP9000 series

	SHP9019	SHP9024
Display	18,5“ TFT Full HD	23,8“ TFT Full HD
Touch	PCAP Multi-Touch (glove operable)	
Processor	Intel® U300E Intel® Core™ i5	
RAM	Up to 32GB DDR5 RAM	
Interfaces	4 x USB 3.2, 3 x Ethernet, 1 x Display Port++ (2.1)	



For more information visit
www.ads-tec-iit.com/en/shp9000



Fanless design



IK08 and anti-shatter film



High protection class



Extensive accessories



WiFi



User recognition



NEW

Stainless steel multi-touch display for the food, chemical and pharmaceutical industries

SHD9000: The stainless steel monitor from the SHD9000 series is specifically designed for hygiene-sensitive environments. Ideal for the food, beverage, pharmaceutical and chemical industries, this monitor ensures clear visualisation and comfortable operation, even when wearing gloves. With its ergonomic design and tool-free, adjustable tilt-and-swivel function, the SHD9000 offers maximum user comfort. Its design also allows for fast, residue-free cleaning, with no screws or gaps. The housing – made from stainless steel (V4A), durable glass and high-quality silicone seals – offers added protection. The SHD9000 is fully dustproof, waterproof (IP69) and resistant to common cleaning agents, alkalis and acids.



For more information visit
www.ads-tec-iit.com/en/shd9000



Stainless steel display – SHD9000 series

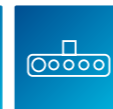
	SHD9019	SHD9024
Display	18,5“ TFT Full HD	23,8“ TFT Full HD
Touch	PCAP Multi-Touch (glove operable)	
Interfaces	1 x HDMI, 1 x DisplayPort, 3 x USB 2.0, 1 x USB Slave, 1 x Status LED in the front	



IK08 and
anti-shatter
film



High protec-
tion class



Extensive
accessories



HDBaseT
Ready
100m

NEW



Web-based HMI solution for flexible machine visualisation

Our web panels with an integrated HTML5-capable browser offer a scalable solution that enables flexible implementation of visualisation and provides the suitable HMI for every application scenario. Thanks to the different mounting concepts (built-in, VESA/support arm) and a hygienic design, as well as a wide range of accessories, individual machine operation concepts can be successfully implemented.

Top features of the web panels

- > Integrated IIoT edge data collector for data acquisition from the PLC
- > Integrated Docker engine, e.g., for implementing a web server directly on the web panel
- > Extensive update concept



> For more information visit
www.ads-tec-iit.com/en/web-panel

Web Panel series

	SHW9000 series	OPW9000 series	MEW9000 series
Mounting	VESA-/Tragarm Hygiene	Built-in	VESA/support arm
Display	18.5", 23.8" TFT Full HD	15.6", 18.5", 23.8" TFT Full HD	15.6", 18.5", 23.8" TFT Full HD
Touch	PCAP multi-touch (glove operable)		
Processor	ARM 64-bit NXP i.MX 8 M Plus (quad-core with up to 1.6 GHz)		
OS/GUI	ADS-TEC embedded Linux / HTML5 Chromium Browser		
Interfaces	2 x Ethernet (Switch), 4 x USB 3.0 Typ A, 1 x Factory Default Button		



Fanless design



High IP protection rating



Shock resistance IK08



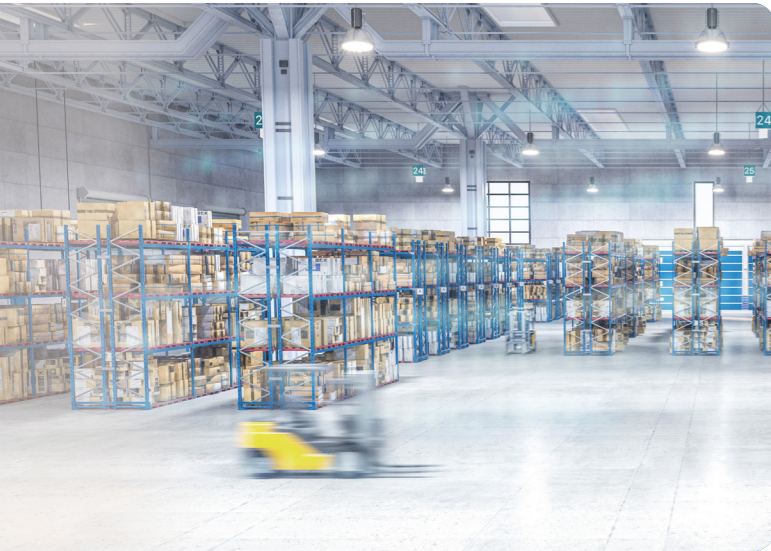
Flexible mounting options



Security updates



Docker



Logistics and vehicle terminals for indoor, outdoor and refrigerated areas

VMT9000: Available in different display sizes, the fanless 5th generation vehicle mounted terminals are suitable for all logistics, agricultural and construction machinery. Their particularly compact yet enormously robust design ensures that the terminals work reliably even in extreme situations. In addition, the display is sunlight readable and thus easy to read even in outdoor areas with direct sunlight. In addition to Windows®, IGEL and Linux, they can now be equipped with Android™ and feature helpful industrial features such as a kiosk mode.



For more information visit
www.ads-tec-iit.com/en/vmt9000



reddot award 2019
 winner



Vehicle Mounted Terminals – VMT9000 series

	VMT9010	VMT9012	VMT9015	VMT9112
Display	10.4" TFT XGA	12.1" TFT XGA	15.0" TFT XGA	12.1" TFT WXGA
Touch	PCAP multi-touch Resistive industrial touchscreen			PCAP multi-touch
Processor	Intel Atom® x6413E processor (Elkhart Lake)			
RAM	8 GB LPDDR4 RAM			
Wi-Fi	IEEE 802.11 a/b/g/n/ac/ax			



NEW

Now with Android™



Usable with
 gloves



IK09 shock
 resistance



Protection
 class IP66



UPS function



Wide range
 power supply



Ignition
 function



Compact HMI monitor solution for tasks in hygiene areas

MMD9000: The compact monitors of the MMD9000 series were designed to ensure maximum safety in process visualisation in hygiene areas. Its flexible mounting concept allows for horizontal or vertical orientation of the monitor. The all-round closed, edge- and screw-free stainless steel housing is certified by Fraunhofer IPA with maximum GMP cleanliness class A/B, making it ideal for use in the food, beverage, pharmaceutical and chemical industries.



Hygiene Monitors – MMD9000 series

MMD9016	
Display	15.6“ TFT Full HD
Touch	PCAP Multi-Touch (can be operated with gloves)
Interfaces	1 x USB 2.0 Slave, 1 x HDMI or DisplayPort



For more information visit
www.ads-tec-iit.com/en/mmd9000



Hygienic
Blue seal



Protection
class IP69k



Easy-to-install box PCs for control cabinet installation

IPC9000: Our robust box PCs enable particularly demanding applications in industrial environments. They can be quickly installed in control cabinets by simply hooking them in. A sophisticated and fanless cooling concept allows for the use of powerful processors. With the optional HDBaseT transmitter module, the IPC9000 can be installed in the control cabinet and connected to a monitor such as the OPD or MMD series, up to 100m away. One special feature: via an easily accessible service hatch cover, users can quickly access the flash SSD or CMOS battery.



For more information visit
www.ads-tec-iit.com/en/ipc9000



reddot winner 2020

Industrial Box PC – IPC9000 series

IPC9000	
Processor	Intel® Celeron® Intel® Core™ i5
RAM	Up to 32 GB DDR4 RAM
Interfaces	4 x USB 3.1, 3 x Ethernet, 1 x DisplayPort 1.2, 1 x smartcard reader Optional: Hilscher netJACK module, HDBaseT™- interface (transmitter)



Passive
cooling



Easy
mounting



HDBaseT
100m



Fieldbus



Wired solution for signal transmission in production

HDBaseT: With our robust solution for wired transmission, users in the production environment can transmit video and USB signals up to 100m without interference - ideal for those who need a range exceeding the 15m achievable via DP or HDMI. Available as a standalone transmitter module, as well as with or without an additional receiver module, HDBaseT can be attached to a DIN rail by simply snapping it in place, where it will operate reliably even under extreme conditions.

HDBaseT Box - transmitter and receiver

	RX (Receiver)	TX (Transmitter)
Housing	Die-cast aluminum housing, powder coated	
Cooling	Passive cooling, fanless	
Interfaces	1 x USB (Typ A) 1 x HDMI 1 x HDBT (RJ45 for CAT6a cable) 1 x DCIN	1 x USB (Typ B) 1 x HDMI 1 x HDBT (RJ45 for CAT6a cable) 1 x DCIN
Power supply	12-24VDC +/- 20%	



> For more information visit
www.ads-tec-iit.com/en/hdbaset



Passive cooling



Easy mounting



Industrial router firewalls for network security

IRF1000/IRF3000: Our firewalls of the 1000 and 3000 series are true all-in-one security solutions. They combine multiple products in a single housing and excel in use as a remote maintenance center, router or edge device, where they connect, control and locally secure linked machines and systems without cascading. Through the integration of Docker technology our IRFs can process data themselves and are thus the ideal platform for a variety of applications in the IIoT.



SecurITy SecurITy



Industrial Firewalls and Router – IRF1000/3000 series

	IRF14x1	IRF34x1	IRF38x1
Housing	Plastic housing	Die-cast aluminum	
Interfaces	4 x 100 Mbit/s 1 x RS485 1 x Digital IN	4 x 1000 Mbit/s 1 x RS485 2 x Digital IN 1 x Digital OUT	8 x 1000 Mbit/s 1 x RS485 5 x Digital IN 4 x Digital OUT
Mobile connectivity	1 x SMA WWAN antenna	2 x SMA WWAN antenna	2 x SMA WWAN antenna 1 x SMA GPS antenna



> For more information visit
www.ads-tec-iit.com/en/irf1000-3000



WWH Data Push



Smartcard security concept



Key switch



Long time available



Big-LinX ready



Secure remote maintenance solution for Industry 4.0 and IIoT applications

The IIoT service and maintenance platform Big-LinX from ADS-TEC is a versatile tool for remote maintenance of machines and systems, as well as for more extensive IIoT functionalities. Expensive machine downtime can be reduced or even avoided due to preventive and direct measures. All machine data can be graphically processed in dashboards and alarms can be set up via the cloud. Big-LinX offers customers future security in many ways, as the portal grows with the needs of the customers. This allows the digitisation of a company to be constantly expanded.

Big-LinX Edge Client

With the Big-LinX Edge Client, any machine can be remotely operated and maintained via a Windows-based HMI. The remote maintenance point thus becomes the HMI and no additional hardware is required.



> For more information visit
www.ads-tec-iit.com/en/biglinx



Software for remote access to decentralised systems and equipment

Our remote desktop software allows service staff to access and operate desktops of remote systems and equipment in real-time - without the need to be on-site. The Windows-based PC screen surface of X-Remote® provides for easy operation. Operation is carried out in Ethernet and thus with no time delay. Using X-Remote®, central firmware updates can be installed, processes monitored and adjusted, or monitoring centers set up - in real-time, with maximum security standards and much more cost-effective, so that no on-site personnel are required.



> For more information visit
www.ads-tec-iit.com/en/xremote

Individualise together

Customise the design of our standard devices to match your CI requirements. Make our product yours!



At a glance

- › Customisation of housing colours and seals
- › Design of buttons: colours, symbols and lettering
- › Placement of your company logo

Create together

Develop your product with us as a partial or new development, customised to your individual needs.



At a glance

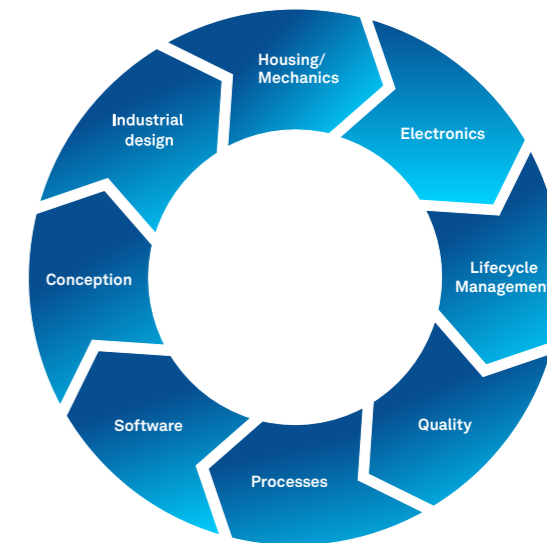
- › Configuration of BIOS or firmware
- › Software: Windows or Linux images according to your needs
- › Processors: ARM or Intel
- › Operating systems: Windows, various Linux distributions and Android

Create together Turn your product vision into reality.

Thanks to our 100% depth of development, we can realise a customised product solution for you. Both hardware and software are entirely from us – 100% Made in Germany. You decide everything else.

We have extensive experience in various industrial sectors. Together, we will develop the right solution for your application.

Throughout our entire development process, we already consider - in accordance with the Cyber Resilience Act - future requirements for the product security over its entire lifecycle. We are with you at every step of the process.



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SINCE 1980

 TECHNOLOGY
MADE IN GERMANY

› For more information visit
www.ads-tec-iit.com/en/customised-products





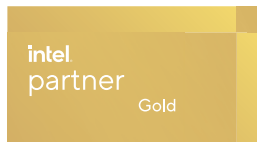
Industrial IT

ADS-TEC Industrial IT Technology for Professionals

ADS-TEC Industrial IT GmbH is part of the ADS-TEC Group. In addition to the headquarters in Nuertingen near Stuttgart, the production site is located in Dresden.

For over 45 years, the company has been developing and producing many tried-and-tested IT solutions with long-term availability for industrial use.

Its product portfolio includes terminals, industrial panel PCs, firewalls as well as IIoT services for the remote maintenance of machines and systems. All products are developed in Germany and manufactured in-house.



For more information visit
www.ads-tec-iit.com/en

