

# Press Information



The ideal complement to the Würth Elektronik ICS product and service portfolio - the new 7" display for mobile machines and commercial vehicles

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## **CAN-capable and multifunctional: The WEcabin Display i7**

Pictures:

WEcabin Display\_1.jpg  
WEcabin Display\_2.jpg

**Würth Elektronik ICS can now serve its customers even more comprehensively: Thanks to the new WEcabin Display i7, products for supplying electrical power and controlling vehicle functions are complemented with a multifunctional display- and operating-solution.**

Date September 11, 2017

According to Dr. Klaus Wittig, Managing Director of ICS, "the WEcabin Display i7 can be used to display and operate numerous vehicle and convenience functions in mobile machines and commercial vehicles. Its development is a logical consequence of our efforts to offer our customers even more benefits from a single source." The display integrates harmoniously into both new and existing cabin concepts. Together with other Würth Elektronik ICS products, such as ICCS Controllers and Central Electrical Units, it provides a highly functional all-in-one solution. "It helps us to sustainably expand our position as a provider of electrical and electronic systems for vehicles", Wittig explains.

### **High functionality and individualization**

The WEcabin Display i7 visualizes, monitors and controls all commands or status information transmitted via the CAN bus or Ethernet, e.g. alarm messages or diagnostic data.

Two CAN busses, four digital inputs and outputs, one RS-232/RS-485 port, one 10/100 Ethernet port and two USB ports, ensure a high level of connectivity. Bluetooth and WiFi interfaces are optionally available. A powerful ARM Cortex A8 processor with 512 MB RAM and 4 GB Flash memory executes the work inside and is ideally suited for demanding control tasks. Thanks to the Linux-based operating system, the user has high security and flexibility.

The display can be adapted in many ways to suit individual customer requirements. The WEcabin Designer programming environment gives customers the chance to integrate their own individual look and feel, for example

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by placing their logo into the graphic user interface or by designing customized widgets. Furthermore, the customers can freely integrate their individual graphic libraries. Alternatively, a standard library of WEcabin Designer widgets and icons is available. “On request, we also develop and integrate specific widgets for our customers”, says Arnaud Wendling, Product Manager at Würth Elektronik ICS.

The graphic user interface can be designed and programmed easily and intuitively with WEcabin Designer using drag-and-drop function. A self-developed graphic user interface can also be fully simulated and tested within the programming environment without having to previously upload it onto the display.

## User-friendly and robust

The projective-capacitive touch display with optical bonding has a brightness intensity of 500 cd/m<sup>2</sup> (optionally 1,000 cd/m<sup>2</sup>). With its high optical performance, the WEcabin Display i7 offers perfect readability and operability – no matter whether it is used in direct sunlight or in the dark. It can be operated with touch gestures (pan, zoom, swipe), as well as with several fingers simultaneously. Advanced features – such as a PDF reader, web browser, user management, gesture control, alarm storage or video streaming – offer new possibilities in HMI interaction and vehicle use.

The robust IP66-compliant housing with 3.2 mm thick hardened scratchproof glass offers optimal protection against mechanical stress. The display can therefore smoothly be used in mobile machines and commercial vehicles even under harsh environmental conditions.

## Individual advice and service

What makes the Würth Elektronik ICS performance portfolio outstanding is the service that comes with the products. “Individual advice and on-site support are part of the standard program. But we are also pleased to support our customers in programming our ICCS controllers and the WEcabin Displays for individual needs”, Wendling emphasizes.

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## About Würth Elektronik ICS GmbH & Co. KG

Würth Elektronik ICS is a system provider of electromechanical and electronic solutions for signal and power distribution, function control, as well as display and operating solutions. On the market since 1984 as part of the Würth Elektronik Group, ICS currently employs a staff of around 300 and generates annual sales exceeding 50 million euros. The company headquarters are in Niedernhall (Germany) with subsidiaries in France, the USA and India. Well-known manufacturers of construction, agricultural and commercial vehicles count among its main customers. But, also industries like industrial technology, renewable energy sources and shipbuilding profit from ICS products and services.

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## Pictures



Picture 1: WEcabin Display\_1

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Picture 2: WEcabin Display\_2