

PRESS RELEASE

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Familiar modularity with a technical upgrade: M2Smart®SE Mobile Handheld Computer with Android™ Industrial+ version 9.0

As the successor to the M2Smart®SE, winner of the iF Design and German Innovation awards, the M2Smart®SE modular Handheld Computer also features the patented slide mechanism used to mount various attachable modules without a tool. The M2Smart®SE has been optimized with an upgrade to the new Android™ Industrial+ operating system version 9.0 and the use of a powerful NXP® processor.

Patented modularity of the M2Smart®SE

The patented solution from ACD together with modularity and standard interfaces make numerous attachable modules possible, including handles, RFID readers, printers, distance sensors, temperature modules, long-range scanners and different keyboard variants. The attachable modules mentioned here as well as other modules can also be adapted and implemented for specific customer requirements. Currently the keyboard variant M2Key16, temperature module M2Temperature for measuring core and surface temperature, logistics protective caps (M2 logistics protective caps) and an attachable handle (M2Griff5) are already optionally available. The individual modules can be exchanged at any time without a tool using the insert/slide mechanism, thus allowing for highly efficient, economical and flexible work on the sales floor, in incoming goods or for various logistics applications. This new modularity, still unique on the market, makes it possible to configure customer-specific modules for all requirements.

Software upgrade to Android™ Industrial+ version 9.0

With the release of the M2Smart®SE Mobile Handheld Computer, ACD Elektronik GmbH is also introducing the Android™ Industrial+ version 9.0 in mass production for the first time. In combination with a high-performance NXP® processor, the M2Smart®SE represents an enormous leap in performance and speed. Of course, the proven Android™ Industrial+ platform retains all of its previous advantages: Modern user guidance familiar to users of Android smartphones, together with the high quality of the German manufacturer. Unlike the competition, which often uses products from Asian manufacturers, the Android™ Industrial+ version 9.0 can be selectively adapted to customer needs at any time. Android™ Industrial+ is a very reliable operating system that acts independently of Google services, with the focus on the security of customer data. The sources are in Germany with the manufacturer, which guarantees long term supply capability and thus a high level of investment security. The easy app programming and special ACD Android™ apps, including EasyToConfig for easy setup and configuration of mobile devices, means customers can use the devices for different applications. ACD also offers an Extended Security and Update-Service. The advantage of communicating directly with the German manufacturer is unique on the market and greatly reduces complications.

The underlying hardware

The hardware behind the M2Smart®SE is also state of the art: The basic device with sturdy main housing and 4.8" capacitive display was developed internally by ACD Elektronik GmbH. An integrated quick-change lithium-ion battery ensures long operating times free of interruptions and can also be changed during ongoing operation. Excellent technical performance is ensured by a high-performance NXP® processor, an integrated 2D scanner, optionally with the capability of reading DotCodes, and a camera with illumination. Optionally available, in addition to various modules including handle, RFID, keyboards and temperature sensors, are WLAN to IEEE 802.11a/b/g/n/ac/r including BT-compatible close-range radio as well as a docking station, the DS2Smart®.

Additional information:

ACD Elektronik GmbH, Nicole Eisele
Engelberg 2, 88480 Achstetten, Germany
Tel.: +49 7392 708 404
Fax: +49 7392 708 58404
nicole.eisele@acd-elektronik.de
www.acd-gruppe.de

ACD Group

ACD Elektronik GmbH is part of the owner-managed ACD group of companies, one of the leading high-tech providers in the electronics sector. ACD Elektronik provides hardware and software solutions for mobile devices and applications used in retail business, logistics and industry. Today the ACD Group has locations in Germany, the Czech Republic and the USA. The Group has a total of over 420 employees and generated annual sales of about 85 million euros in 2019.