

## Mobile, wireless and safe – The M2Smart® HMI10 with TÜV certificate is now available!



Our innovative operating system has been extensively inspected and tested by TÜV Süd in recent months. This certifies that our HMI system, including the integrated emergency stop button and enabling switch, has functional safety in accordance with DIN EN ISO 13849 and a performance level up to PLd. The M2Smart® HMI10 in combination with the M2Smart® Gateway i is therefore officially approved for the safe operation of machines and systems!

### Mobile and secure

Our HMI system is mobile, wireless, safe and secure! To ensure this, the safety-relevant data between the M2Smart® HMI10 and Gateway i is transmitted in a functionally safe manner via the black channel method. The M2Smart® Gateway i is connected to the safety PLC of the machine to be operated. After a quick and easy pairing of the M2Smart® HMI10 operating device with the M2Smart® Gateway i via NFC, the HMI panel, including emergency stop and enabling switch, is ready for use.

Our Android™ Industrial+ operating system also ensures even greater security. Android™ is optimized for battery-powered touch applications and impresses with its simple and intuitive usability. In order to increase the security of the operating system and thus enable industrial use, we have made some modifications to our Android™ Industrial+. Among other things, all services that could cause unwanted disclosure of data have been removed and the entire source code is based on ACD servers in Germany. Furthermore, the operating system is constantly subjected to vulnerability tests and checked for possible security gaps.

### Versatile and ergonomic

The mobile and wireless M2Smart® HMIs from ACD Elektronik are versatile full-touch operating devices that are suitable for a wide range of applications. In addition to the elimination of cables and the mobility that comes with it, the modular design of the devices also ensures that the HMIs can be used flexibly, even on different machines. The employee only has one operating device as a personal device and can use it to control large parts of the machinery.



Another point that distinguishes the TÜV-certified M2Smart® HMI10 is its ergonomic design. The employee only uses one operating device for the entire machine park and therefore has the HMI in their hands for a longer period of time. In particular, the handle on the back of the device ensures that it is still comfortable to hold even after hours and that the entire weight is not on the wrist but on the forearm. It can also be turned easily and in a few simple steps, making it suitable for both right-handed and left-handed users. Of course, there is also a wide range of additional accessories and suitable apps for our HMIs.

### Curious?

Request your free trial of our mobile M2Smart® HMI10 system today. For further information or questions about our mobile solutions for safe machine and system operation, please contact our sales team.

We look forward to receiving your call or inquiry at [sales@acd-elektronik.de](mailto:sales@acd-elektronik.de).

Would you like to experience and test the M2Smart® HMI system live? Then visit us at the SPS from November 12 to 14. We will be in Nuremberg with our devices and solutions and look forward to your visit at our booth 694 in hall 7.

Best regards from southern Germany  
**Sales team Industrial Solutions**



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