

Mobile Computer M3 SM15 for IoT Mobile Device Management



The **M3 SM15 Mobile Computer** is an compact RFID Handheld Computer for **IoT-areas**. This high-performance **mobile reader** offers with its **industrial-grade Qualcomm® Snapdragon™ 625/626 processor** sufficient power for applications in **warehouse, logistics or supply chain**. The operating system **Android 8.1** is certified to **SOTI MobiControl** and has been awarded the **"Android Enterprise Recommended"** seal of approval by Google. Therefore, it is ideal for mobile device management, such as managing applications on

multiple devices. This immensely reduces administrative costs in mobility management. A wide range of **wearables** and cradles for versatile use in different business areas, make this mobile reader a true all-rounder.

► Mobile Computing with Barcode Reader or RFID-Reader



Mobile Computer M3 SM15 is equipped with an **2D barcode reader** or an integrated **NFC reader**. An optionally available **long-range reader** validly captures all 2D barcodes on RFID labels or RFID tags up to a **range of 15 m**. The integrated **RFID HF and NFC reader** reads RFID tags and RFID transponder of ISO Standard **ISO 14443A/B and ISO 15693 with 13.56 MHz** from a distance of up to 6 cm. Optionally

we offer the **M3 SM15** with a **RFID UHF GUN Reader** (plus extra battery). The ergonomic grip validly detects all RFID tags in the UHF frequency range **EPC C1 Gen2, ISO 18000 6C** up to a **reading range of 5 meters**. As a second option for RFID UHF, we offer a portable **UHF snap-on** that works without an additional battery and can be used flexibly. The snap-on achieves **reading ranges of up to 2.5 meters**.



► Latest Technology combined with High Performance Power

The **2.2 GHz Octa-core processor and the 4.100 mAh battery (Optional: 6.150 mAh)** is designed for demanding processes. The hot-swap function allows the battery to be recharged in just 3 hours. The **integrated 4 GB working memory** is also available as a **2 GB** variant as an option. Enough space for your data is provided by the **32 GB ROM (optional: 16 GB)**.

► Top Communication Interfaces and Documentation



This Mobile Computer is equipped with **WLAN, WWAN, WPAN, GPS and Bluetooth**. The integrated **16-megapixel rear camera** documents work processes in high-resolution format. The **front camera with 5.0 megapixels** is ideal for video calls. **M3 SM15 Mobile Computer** can be connected to an external monitor. The optionally available **HDMI cradle** is suitable for connection to an external display. Two integrated USB ports allow the connection of a keyboard and mouse. The **Handheld M3 SM15** can be operated like a computer. This facilitates the import and export of data to drives or systems.

► IP Protection Class for demanding Areas

Handheld **M3 SM15** is ideally suited for demanding and challenging environments with dust or water accumulation with **IP67 protection rating**. The handheld can withstand temperatures from **-20 °C up to +60 °C**. The touch screen is **capacitive (even in wet conditions)** and can be operated with gloves or a stylus pen. The screen is made of **robust Gorilla Glass** and is protected against strong sunlight and rain thanks to integrated sensors.

► Application Example: Wearables for the comfortable Identification



In large warehouses with many different goods and commodities, the warehousing process is an ongoing process. By using special wearables, employees can identify the goods and commodities more comfortably. The **M3 SM15 handheld scanner** offers a wide range of wearable tools, for attachment to the body, such as belt, as an arm attachment or as a finger ring. The advantage of these wearables is

that the employee has his hands free for putting goods away or for operating logistical vehicles, such as forklifts or lift trucks.

► Including Software Development Kit and Demo Software

The Handheld **M3 SM15** is certified to **RoHS and CE**. It comes with a **software development kit for Android** systems. This supports the **programming languages: C++ and C# Command Protocol**. The use of the SDK simplifies the connection to your existing systems.

Link to Software Development Kit:



*You need a custom firmware for your application?
iDTRONIC offers customer specific adaptations to the firmware on request.*

► More Information

In this year there will be a **LEGIC and LF version**. From a project request of at least **20 pieces**, we will be happy to advise you in advance.

► **Mobile Computer M3 SM15:** www.idtronic-mobile.com/handheld-reader/rfid-hf/m3-sm15/

CONTACT US FOR MORE INFORMATION ABOUT OUR PRODUCTS



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