

Ludwigshafen, 26 February 2020

iDTRONIC's G3 Tablet Series

Resistant RFID Tablets with a Variety of Connectivity Solutions

We have added two **robust RFID tablets** to our **RFID handheld series**. The new **G3 series** impresses with its robustness and multifunctionality. The **RFID tablets** are equipped with a **HF | NFC and 2D barcode reader**. In order to meet individual customer needs, we developed a **version** with our partners for **Windows and Android users**. The **various communication options** of the RFID tablets have been specially designed to meet the current **Industry 4.0 and IoT requirements**. This makes the **RFID tablets** true all-rounders for a variety of **technological and industrial applications** in the context of **construction sites, supply chain, trade, warehouses and production**.

► G3 WINDOWS TABLET



The **G3 Windows Tablet** is equipped with the **Windows 10 Enterprise** operating system. As the successor to Windows Embedded Standard, Windows IoT Enterprise offers the same functionality as Windows 10, but excludes unwanted user functions. This enables Digital Signage to offer a predictable and consistent end-user experience across multiple device platforms. The integrated locking function makes the RFID tablet secure against unauthorized access.

Documentation of photos in the field or in the warehouse requires good resolution. The integrated **8 Megapixel rear camera** on the **G3 Windows Tablet** documents your work processes in high resolution. The integrated **INTEL Cherry Trail Quad Core X5-Z8350** processor offers performance power. Thanks to the **4 GB ROM (optional: 8 GB)** and a **storage capacity of 64 GB (optional: 128 GB)**, performance-demanding processes are no problem for the G3 Windows Tablet.

► **More Information:** [Link](#)

► G3 ANDROID TABLET



The **G3 Android Tablet** is equipped with the **Android 8.1 Oreo** operating system. As an Enterprise Mobility Management solution it offers SOTI MobiControl. With the SOTI Hub content management solution, enterprise files can be backed up on the device. Regardless of whether the files are located in the cloud or in the internal corporate network. For intranet security, SOTI offers an integrated solution for securing and controlling access authorizations to the intranet.

The **integrated 13 Megapixel Rear Camera** of the **G3 Android Tablet** documents your work processes in high-resolution format. The internal **Cortex A72 Dual-Core (1.8 GHz) or Cortex A53 Quad-Core (1.4 GHz)** and the integrated **4 GB ROM and 32 GB RAM (optional: 64 or 128 GB)** guarantee high-performance power.

► **More Information:** [Link](#)

► RELIABLE DATA COLLECTION AND IDENTIFICATION

The integrated **RFID HF NFC reader** validly handles the identification and data acquisition in near field environments with a **high frequency of 13.56 MHz and a reading range of up to 4.5 cm**. The robust and large **7" screen surface** of the RFID tablets offers a unique, precise touch input while performing operations. The integrated **Li-Ion polymer, 3.7 V, 5,600 mAh (optional: 10,050 mAh) battery** provides the necessary power for the identification of a variety of goods.

► TOP COMMUNICATION INTERFACES FOR MORE EFFECTIVE WORK

Communication in outdoor environments in the field or in the warehouse is possible for **the G3 RFID tablets** thanks to the latest **4G LTE technology** without dead spots. The internal communication options: **Wi-Fi, 4G, HSPA +, GSM, GPRS, Bluetooth 4.0, USB 3.0, HDMI and embedded A-GPS** are suitable for a variety of applications. Industrial requirements are not a challenge for the **RFID tablets**. The optionally available desktop or car cradle is equipped with the **industrial interfaces: Ethernet and RS232**.

► INCREDIBLE EVEN IN DEMANDING ENVIRONMENTS

The **IP65 protection** class of the **G3 RFID tablets** ensures optimal performance for working in difficult environments. They are waterproof and protected - thanks to the integrated **rain mode** - the touchscreen surface withstands incoming raindrops without any problems. Due to the high **luminance of 700 nits (cd / m2)**, **direct sunlight** does not affect the screen. The **G3 RFID tablets** are resistant to changing temperatures from **-20 ° C to +60 ° C**. Optimal protection is provided against docking on objects with **the rounded and rubberized corners**. It can withstand multiple falls on hard surfaces from a **height of up to 1.2 m** thanks to the robust **Gorilla Glass 3 display**.

► iDTRONIC's SERVICE FEATURES

Our **G3 RFID tablets** are certified according to **RoHS, FCC and CE**. The RFID tablets are supplied with a **software development kit** for Android and Windows systems. These support **all programming languages** of the respective operating system. The use of the SDK simplifies the connection to your existing systems.

► *The software development kits will be available for download soon.*

Do you need your own firmware for your application?

iDTRONIC offers customer-specific adjustments to the firmware on request.

► OPTIONAL ACCESSORIES

We offer **Desktop Cradles, Car Cradles, Power cables** or **Replacement** and **additional** batteries.

PLEASE CONTACT US WITH ANY QUERIES REGARDING OUR PRODUCT PORTFOLIO

Contact Person for Product Inquiries

Patrick Kochendörfer
Senior Product Manager
– Professional RFID –

Phone: +49 621 66900 94 – 21

E-mail: patrick.kochendoerfer@idtronic.de

Contact Person for Product Inquiries

Philipp Kaatz
Sales Manager
– Professional RFID –

Phone: +49 621 66900 94 – 13

E-mail: philipp.kaatz@idtronic.de

Contact Person for Media Inquiries

Maria Mahler
Marketing Manager
– Professional RFID –

Phone: +49 621 66900 94 – 11

E-mail: maria.mahler@idtronic.de