

iDTRONIC's new high-performance UHF Long Range Gate SDK is innovative and versatile

Date: 06-25-2008 02:26 PM CET

Category: [IT, New Media & Software](#)

Press release from: [iDTRONIC Electronic Identification GmbH](#)



iDTRONIC, a leading supplier of RFID Hardware solutions, announces the introduction today of its UHF Long Range Gate Starter Kit

iDTRONIC's latest innovative product, the "UHF Long Range Gate Starter Kit" consists of the high-performance iDTRONIC UHF Long Range Reader / Writer, four circular polarized antennas (A1 type), two stands, all required mounting equipment and cables, as well as a full Software Development Kit on CD-ROM.

The new UHF Reader/Writer Device is a high-performance reader (R/W) based on Intel's latest R1000 transceiver and can be configured with any frequency between 860 and 960 MHz. This makes it usable in Europe, US and even Japan. It also has also a software programmable RF Power supply (up to 2W RF) and multi-colour LED indicators.

The versatile and robust Long Range Reader is capable of reading tags that conform to EPC Generation Two (Gen2) and ISO

18000-6 B/C standards. It allows read distances of up to 10 meters and is field-upgradeable for future protocols. Easy and fast firmware upgrades may be made via the USB Interface. Thanks to its robust high strength and resilient extruded aluminium enclosure, it can resist temperatures of up to 60° C.

A four channel Multiplexer is integrated in the UHF LR Reader/ Writer. The software control of the antenna outputs makes it possible to use the system in many different configurations. As a result, it is easy to adapt this device to a wide variety of applications, including asset management, baggage handling, container & pallet tracking, item-level inventory management and warehouse logistics.

The UHF Reader/writer is a multi-protocol, multi-regional UHF RFID device. Advanced features include the support of Dense Reader Mode (DRM) and Listen Before Talk. Its Anti-Self Jamming (ASJ) technology allows deployment of several readers simultaneously in a Multi-Reader Environment.

iDTRONIC's UHF long range antenna A1 is a circular polarized high performance device which allows the user to read the tags in multiple 3D orientations. It covers both European and US RFID bands, is entirely waterproof and very easy to install.

The iDTRONIC UHF-Long Range Gate SDK is specially configured for developing UHF Long Range applications. The Starter Kit is a complete solution including all required hardware and software, with tools and drivers for Windows and Linux, demo applications and source code. It includes full developer support, available at any time and for any question.

For more information about this UHF Reader and all other UHF products, email us or visit our website.

iDTRONIC Electronic Identification

Andreas Jaeger

Donnersbergweg 1

67059 Ludwigshafen am Rhein

Germany

Phone: +49 621 66 90 09 – 46

Fax: +49 621 66 90 09 – 49

E-Mail: andreas.jaeger@idtronic.de

Internet: www.idtronic.de

About iDTRONIC Electronic Identification

iDTRONIC develops and sells innovative RFID hardware components for the application areas product identification, data collection and access control. iDTRONICs products are distributed worldwide through a global network of partners.

The product portfolio includes ISO Cards, Keyfobs, Tags, RFID Readers, Mobile & Handheld Readers, UHF Long Range Readers. and Active Systems, iDTRONIC offers a wide range of personalization options for their products. iDTRONIC RFID products are available for the frequencies 125kHz and 13,56MHz and UHF.

[You can find this press release here](#)