

BLUEBOX UHF – Desktop Reader



iDTRONIC's BLUEBOX Controller & Antenna family is well suited for industrial and enterprise applications, where reliable, robust and well performing products are needed. All components are designed as a powerful combination for an easy and cost efficient system installation.

The BLUEBOX UHF – Desktop Reader is a read/write device with an integrated antenna. This device can achieve a reading distance of up to 30 cm.

This Desktop Reader is an easy-to-use UHF RFID Reader for your USB equipped PC or working station. With its USB 2.0 interface, high speed data transfer is enabled. The combination of a modern RF module with the up-to-date BLUEBOX SDK enables an easy start for ambitious developers.

This powerful device supports 865-867 MHz (ETSI).

Applications

- Industrial Automation
- Tag Encoding
- Waste Management
- Access Control



Features

- 865–867 MHz (ETSI)
- Supports ISO18000-6C & EPC C1G2
- Up to +20 dBm (Software adjustable)
- Internal antenna
- Connection via USB
- 4 LEDs for status information
- Ruggedized product design and enclosure
- Solutions for Near Field & Short-Range applications
- Possibility of using different RFID standards parallel in one application
- Common SDK for all BLUEBOX products
- BLUEBOX SHOW applications software

Technical Data

Mechanical Specifications

Housing-Material:	PC
Dimensions:	75 × 145 × 35 mm
Weight:	ca. 200 g
Protection Class:	IP54

Electrical Specifications

Power Supply:	via USB
Operating Frequencies:	865–867 MHz (ETSI)
Operating Distance:	Up to 30 cm
Interfaces:	USB, cable length ca 1.5 m

Environmental Conditions

Operating Temperature:	-20 °C to +55 °C
Humidity:	5 % to 95 %

Features

Supported Transponders:	ISO18000-6C, EPC Class 1 Gen 2
Working Modes:	Continuous mode Keyboard Emulation
Status Display:	4 LEDs

Order Code

R-IN-UHF-3122U