



UHF Industrial Reader Desktop Reader

Applications

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

Features

- 840 – 960 MHz
- 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

RFID Options

- UHF (EPC C1G2 / ISO18000-6C)

Description

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 840 – 960 MHz.

Technical Data

Electrical Specifications

Power Supply	via USB
Operating Frequency	840 – 960 MHz
Operating Distance	Up to 30 cm
Interfaces	USB, Cable Length ca 1.5 m

Mechanical Specifications

Dimensions	75 × 145 × 35 mm
Material	PC
Class Protection	IP54

Features

Working Modes	Continuous Mode Keyboard Emulation
Status Display	4 LEDs

Environmental Conditions

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

Supported Standards / Tags

ISO18000-6C, EPC Class 1 Gen 2

Applicable Standards

EMC	EN 301 489-3
Radio Regulation	EN 302 208-2
Safety	CEI EN 60950-1 CEI EN 50364

SDK Information

Supported OS	Windows 7, 8
Supported Languages	C#, C++, serial command protocol

*Reading distance depends on tag, antenna and environmental conditions

Order Codes

Order Code

R-IN-UHF-3122U

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