

# BLUEBOX HF – 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 HF – Desktop Reader is a read/write device with an integrated antenna. This powerful device can achieve a reading distance of up to 15 cm. This Rfid Reader is an easy to use HF Reader for your USB equipped PC or working station. High speed data transfer is possible due to its USB 2.0 interface. The combination of a modern RF module with the up-to-date BLUEBOX SDK enables an easy start for ambitious developers.

## Features

- 13.56 MHz
- Supports ISO14443A/B, ISO15693, MIFARE Fam.
- Internal antenna
- Possibility of using different RFID standards parallel in one application
- Connection via USB
- 4 LEDs for status information
- Ruggedized product design and enclosure
- Common SDK for all BLUEBOX products
- BLUEBOX SHOW applications software

## Technical Data

### Mechanical Specifications

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

### Electrical Specifications

Power Supply:	via USB
Operating Frequencies:	13.56 MHz
Operating Distance:	Up to 15 cm
Interfaces:	USB, cable length 1.5 m

## Applications

- Industrial Automation
- Tag Encoding
- Access Control



### Environmental Conditions

Operating Temperature:	-20 °C to +65 °C
Humidity:	5 % to 95 %

### Features

Supported Transponders:	ISO 14443A/B ISO 15693 MIFARE Family Support
Status Display:	4 LEDs

### Applicable Standards

Radio Regulation:	CE
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## Order Code

R-IN-HF-3122H