

BLUEBOX HF –

Antenna Long-Range



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.

iDTRONIC's Long-Range Antenna HF is a high-performance device which can be used in combination with BLUEBOX HF Controllers. It enables HF reading of up to 80 cm (depending on type of tag).

Features

- Operation Frequency of 13.56 MHz
- Stable performance
- Circular polarized
- Easy to integrate with HF Controller
- Able to read out multiple disorientated tags

Applications

- Industrial Automation
- Supply Chain
- Asset Tracking
- Gates



Technical Data

Specifications

Housing-Material:	PVC
Dimensions:	240 × 240 × 20 mm 320 × 480 × 20 mm
Protection Class:	IP65
Cable Length:	1.5 m
Antenna Connector:	TNC
Operating Frequency:	13.56 MHz
Operating Distance:	Up to 80 cm

Environmental Conditions

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

Supported Transponders

ISO14443A + MIFARE Family
ISO15693
ISO18000-3

Applicable Standards

Radio Regulation:	CE
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Order Codes

240×240×20 mm: R-IN-HF-9224HM
320×480×20 mm: R-IN-HF-9225HM