BLUEBOX HF
Antenna M30

iDTRONIC
PROFESSIONAL RFID

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 Antenna M30 is an antenna that perfectly fits into M30 connectors. This powerful device can achieve a reading distance of up to 12 cm. The combination of a modern RF module and an up-to-date controller engine enables a fast data processing and high reading rates in one device.**

Applications:

- **Industrial Automation**
- **Supply Chain**
- **Asset Tracking**
- **Access Control**

Features

- HF 13.56 MHz (ISO14443A + Mifare Family, ISO15693, ISO18000-3)
- Ruggedized product design and enclosures (All components minimum IP65)
- Unique SDK for all BLUEBOX products
- BLUEBOX SHOW applications software
- CE approved

Technical Data

Specifications

Housing-Material:	Stainless steel, PC
Dimensions:	M30 × 78 mm
Protection Class:	IP65
Cable Length:	1.2 m
Operating Frequency:	13.56 MHz
Operating Distance:	Up to 12 cm
Antenna Connector:	XLR 3 Pin

Environmental Conditions

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

Supported Transponders

ISO14443A + Mifare Family

ISO15693

ISO18000-3

Applicable Standards

Radio Regulation:	CE

Order Code	9221H