BLUEBOX HF
Panel Antenna

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.

iDTRONIC's Panel Antenna HF is a high-performance device which can be used in combination with the BLUEBOX HF Controller, for example. It enables the HF reading of up to 30 cm (depending on type of tag).

Applications:

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

- Robust design
- Stable performance
- Circular polarized
- Easy to integrate with HF Controller
- Able to read out multiple disorientated tags
- Operation RF Frequency of 13.56 MHz (Global)

Technical Data

Specifications

Housing-Material:	PVC
Dimensions:	200 × 200 × 20 mm
	210 × 450 × 20 mm
Protection Class:	IP65
Cable Length:	1.2 m
Operating Frequency:	13.56 MHz
Operating Distance:	Up to 30 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 Codes

200×200×20 mm:	9222H	210×450×20 mm:	9223HM