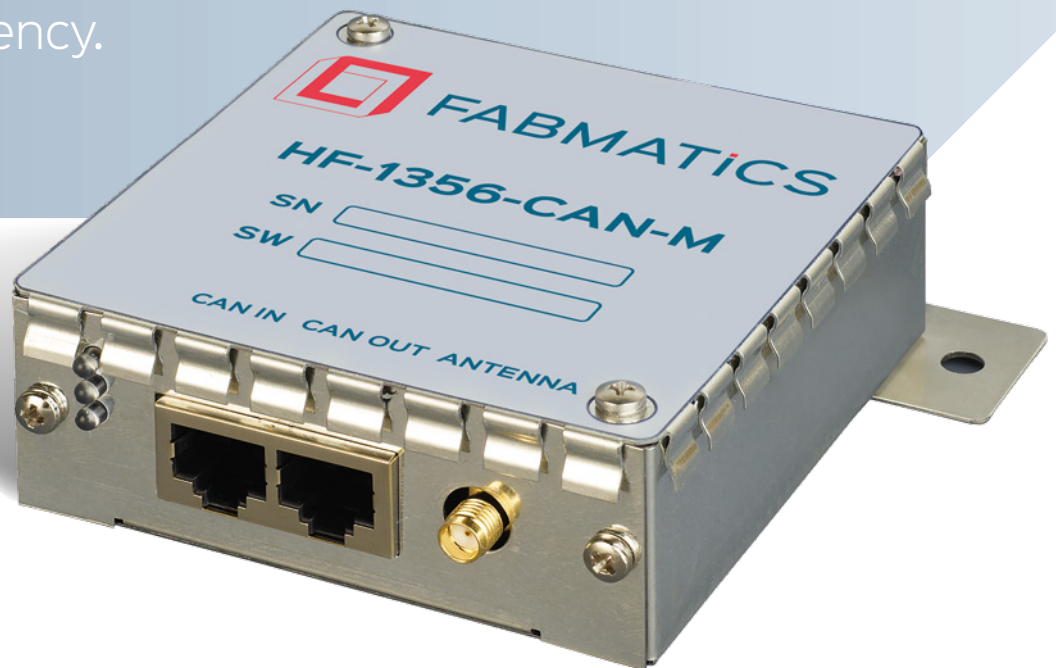




# HF-1356-CAN

Simple connection  
at high frequency.



## Key Features

- **Compact design**
- **Network-compatible**
- **Robust metal housing**
- **50 Ohm SMA antenna connector**

**This high-frequency 13.56 MHz RFID read/write device provides a CAN bus interface and easy connection of multiple devices.**

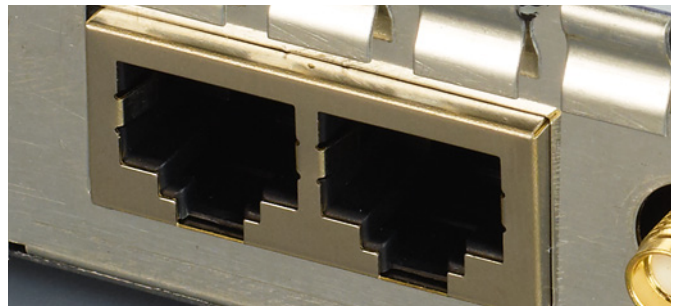
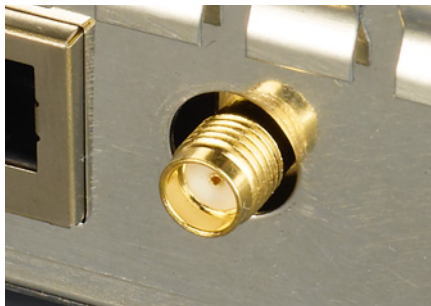
Our HF-1356-CAN reader enables secure and fast identification of products and production batches. The device operates in the 13.56 MHz frequency band and features read and write functionality for all conventional ISO15693 HF transponders.

Compared to LF RFID, the transmission speed and the transmitted data increase while enabling very thin tags. It is also possible to identify multiple RFID tags in the reading area of the antenna used with our HF reader (bulk reading).

Every reader has a daisy chain CAN IN/OUT interface to facilitate the setup of a large, multiple reader linking CAN bus structure. To provide the host system with a standard protocol and interface, our CAN2WEB Advanced gateway handles all communication between host and readers connected to the CAN bus. This model is therefore also suitable above all for systems featuring multiple identification articles (e.g. in storage systems).

# Technical data

<b>Designation</b>	<b>HF-1356-CAN</b>
<b>Product code</b>	RFID-RD-HF1356-CAN-M
<b>Version</b>	With metal case; particularly suitable for production environments with high electromagnetic interference
<b>Dimensions</b>	90 x 90 x 30 mm
<b>Weight</b>	185 g
<b>Case</b>	Tinplate
<b>Operating temperature</b>	0°C to +50°C
<b>Storage temperature</b>	-25°C to +50°C
<b>Voltage power supply</b>	24 V/DC ±3 %
<b>Power consumption standard antenna</b>	2.7 W reading / 0.5 W stand-by (typical)
<b>Power consumption maximum</b>	6.0 W reading ANTD-HF-120-120E
<b>Antenna</b>	HF antenna (see data sheet „Accessories“)
<b>RFID frequency</b>	13.56 MHz
<b>Readable transponder types</b>	ISO 15963; ISO 18000-3 (e.g. card RI-TRP-W4FF; disk RF-PT-25-10) IFX SRF55V02P (e.g. card my-d vicinity)
<b>MTBF</b>	≥ 40,000 h
<b>MCBF</b>	≥ 1,000,000 reading cycles
<b>Speed of CAN bus</b>	Adjustable up to 1 MBit/sec, typical 100 kBit/sec
<b>Available CAN protocol</b>	SDO
<b>Available connectors</b>	CAN IN (RJ45) CAN-Bus / power in CAN OUT (RJ45) CAN-Bus / power out Antenna (SMA) 50 ohm impedance



## Accessories

Talk to our sales team for compatible antennas and accessories.

For detailed information please ask for the technical data sheet.



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