



IDENTIFICATION

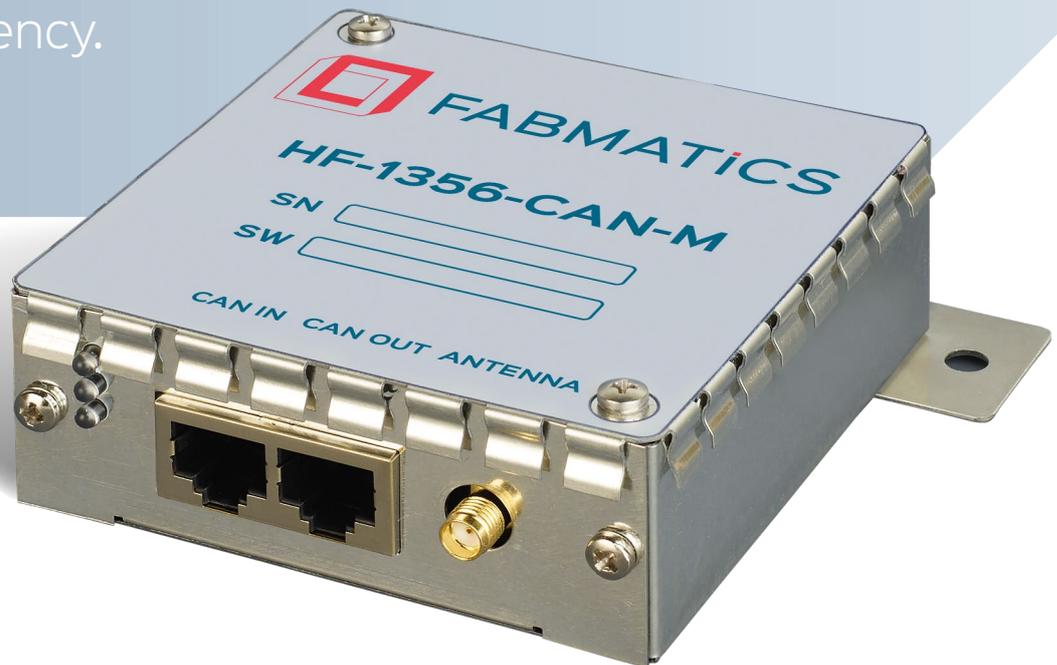


FABMATICS

Automate your success

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.

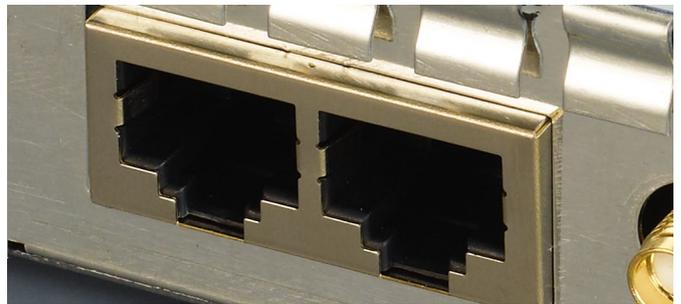
Our HF-1356-CAN reader enables secure and fast identification of products and production batches. The device operates in the 13.56 MHz frequency band and features read and write functionality for all conventional ISO15693 HF transponders.

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

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