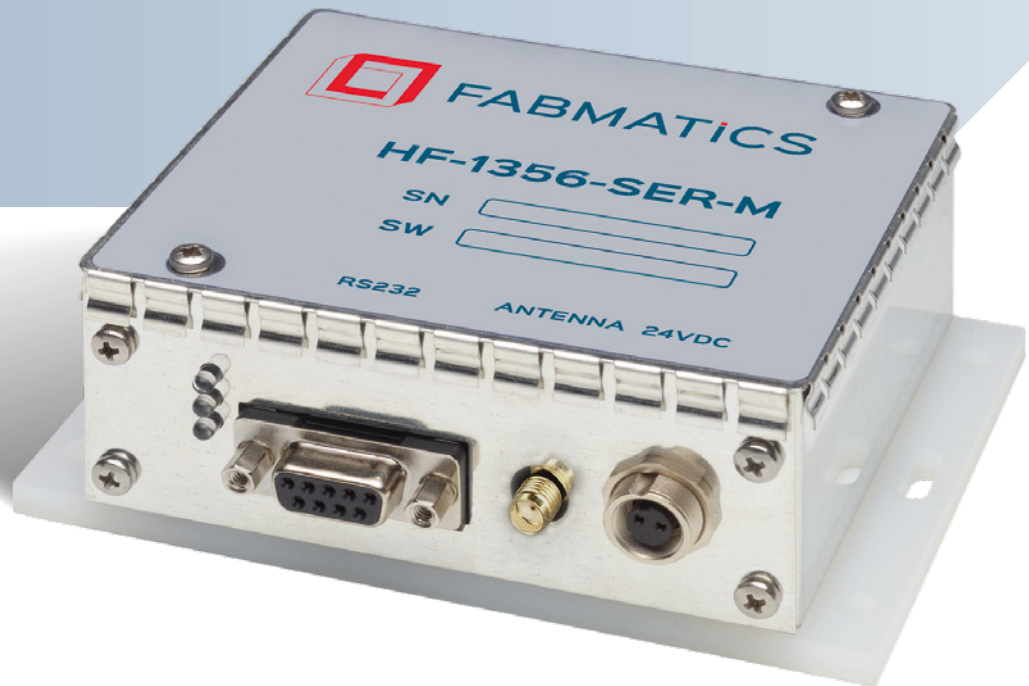




# HF-1356-SER

Complete serial  
functionality.



## Key Features

- Compact design
- Standard RS232 interface
- Robust metal housing
- 50 Ohm SMA antenna connector

**RFID read/write device for the high-frequency range 13.56 MHz. Includes a serial interface for convenient connection with nearly any type of production equipment.**

Our HF-1356-SER 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.

This reader features an industry standard RS323 interface and communicates with a host system using the ASCII light protocol. Use cases for this reader include production equipment featuring only very few identification positions (e.g. single loadport).

# Technical data

<b>Designation</b>	<b>HF-1356-SER</b>
<b>Product code</b>	RFID-RD-HF1356-SER-M
<b>Version</b>	Serial HF Reader with fully shielded tinplate metal case for rough electromagnetically environment.
<b>Dimensions</b>	97 x 90 x 39 mm (without base plate) 117 x 90 x 44 mm (with base plate)
<b>Weight</b>	235 g (without base plate)
<b>Case</b>	Housing: tinplate Base plate: POM (Polyoxymethylen)
<b>Voltage power supply</b>	24 V/DC ±3 %
<b>Power consumption</b>	Idle mode: 0.7 W (~30 mA) Read mode: 1.5 W (~60 mA)
<b>Connectors</b>	24 V/DC Power (Binder plug socket, Series 712-2p) Antenna (SMA) Serial RS232 (DSUB-9 female)
<b>Communication protocol</b>	ASCII-L
<b>Antenna</b>	HF antenna (see data sheet „Accessories“)
<b>RFID frequency</b>	RFID Frequency 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>Reading time one page</b>	Average 110 msec
<b>Permanent reading</b>	maximum 1 cycle/s
<b>Operating temperature</b>	0 °C to +50 °C
<b>Operating temperature</b>	-25 °C to +50 °C
<b>MTBF</b>	≥ 40,000 h
<b>MCBF</b>	≥ 1,000,000 reading cycles

## 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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