



EPR TDI MID RANGE READER - HF

RFID PROFESSIONAL READER READER UHF WITH INTEGRATED ANTENNA 1 CH

EPROJETECH TDI HF 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 TDI HF - Advant Controller with integrated antenna can achieve a reading distance of up to 15 cm. This RFID HF Reader is the perfect device for applications with limited space for installations and the demand for good reading ranges.

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. The powerful SDK allows the fast development of extensive applications.

Features:

- 13.56 MHz
- Supports ISO14443A/B, ISO15693, MIFARE Family
- Integrated antenna
- Possibility of using different RFID standards parallel in one application
- Several Standard Read Modes
- Integrated I/O ports
- Micro SD slot for memory extension
- Service Interface via USB
- Multiple interface options
- Ruggedized product design and enclosure
- Integrated webserver for remote access to controller
- Common SDK for all products
- SHOW applications software



RFID SOLUTION



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Technical Data

Mechanical Specifications

Housing-Material:	Aluminium + PC
Dimensions:	110 × 140 × 60 mm
Weight:	ca. 500 g
Protection Class:	IP65

Electrical Specifications

Power Supply:	24 VDC ±10 %
Power Consumption:	3 W
Operating Frequencies:	13.56 MHz
Operating Distance:	Up to 15 cm
Connectors:	M12
Antenna Connector:	Internal Antenna
Digital I/O:	2 (opto-isolated)
Interfaces:	RS232/RS485 Profibus, WLAN, GPRS
Memory Extension:	Micro SD-Slot

Environmental Conditions

Operating Temperature:	-20 °C to +65 °C
Humidity:	5 % to 95 %

Features

Supported Transponders:	ISO14443A/B ISO15693 MIFARE Family
Working Modes:	Continuous Mode, Spontaneous Mode
Integrated Webserver:	Remote Configuration & Standalone Mode
Status Display:	4/8 LEDs
Temperature Sensor:	On-board
Real – Time Clock:	Accuracy > 0,01s
Service Interface:	USB



ORDER CODE:

EPR TDI-MR-HF1 RS232485
EPR TDI-MR-HF2 Ethernet
EPR TDI-MR-HF3 Profibus

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