HF Blade Reader
ID ISC.PRH200 Blade Reader

FEATURES

➔ Powerful „Boost Mode" (4W) for best reading results

➔ Seamless work integration through optimized algorithms and large data buffer

➔ Long operating times by Lithium Ion battery pack (up to 16 hours*)

➔ Integrated antenna & WLAN module

➔ Automatic media search with reference to up to 150 UIDs or media numbers

➔ Automatic review and modification of AFI bytes for tags with and without password protection in media inventory

➔ Automatic modification of EAS Bit for tags with and without password protection

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IDENTIFICATION

SHORT DESCRIPTION

ID ISC.PRH200 is a compact, wireless RFID handheld reader (ISO 15693 or ISO 18000-3M3), who is mainly used in libraries. Typical applications in this environment are: Inventory, searching of media, seeking for media, and automatic checking / rewriting of the AFI bytes or EAS bit of all media.

Further applications are laundries, logistical processes as well as document and asset management.

Depending on the type of media and the reading distance, the output power can be switched between two levels (Standard Mode: 1.5 W and Boost Mode: 4 W). Power supply is a Lithium Ion rechargeable battery that allows for operating times up to 16 hours*.

5 multi-colored LED lights and an integrated sounder act as display elements. Thereby all relevant states are visible on both sides of the device.

Communication with a data base or computer is through a WLAN interface on the reader, that supports the most common encryption protocols.

SCOPE OF DELIVERY ID.ISC.PRH200

- Handheld Reader with integrated antenna and WLAN module
- Battery pack – Lithium Ion
- Battery charger with 3 different adapter for international wall outlets (EU, GB, US, J)**
- Wrist strap
- Installation manual

AVAILABLE ACCESSORIES

- ID ISC.SRB Spare Rechargeable Battery / Additional battery pack
- ID CHA.Li-Ion Recharger / Battery charger

TECHNICAL DATA

Dimensions (W x H x D)	460 mm x 260 mm x 27 mm antenna thickness approx. 1.5 mm
Weight (incl. battery pack)	approx. 600 g
Housing	Plastic ABS/PC
Protection class	IP 30
Colors	RAL 7046 RAL 7047
Operating frequency	13.56 MHz
RF Transmitting power	
- Standard Mode	1.5 W
- Boost Mode	4.0 W
Supply voltage	Battery pack
Typ. Operation time normal conditions*	
- Standard Mode	16 hours
- Boost Mode	8 hours
Button	2 (On/Off antenna; On/Off reader and change between Standard- / Boost Mode)
Signal generator, optical	5 LED (HF-On, special functions, WLAN, battery, Power-On/Mode)
Signal generator, acoustic	1 Sounder
Interfaces	WLAN / Wi-Fi
Wi-Fi Security Protocols	WEP / WPA / WPA2
Supported transponders	ISO 15693, ISO18000-3M3 (opt.)
Protocol Modes	FEIG ISO Host Mode, Buffered Read Mode, Notification Mode
Temperature range	
Operation	0 °C to 40 °C
Storage	–25 °C to 55 °C
Relative air humidity	5…80 % (non condensing)

STANDARD CONFORMITY

Radio approval	
Europe	EN 300 330
USA	FCC 47 CFR Part 15
Canada	RSS-210, Issue 8
EMC	EN 301 489

*Typical operation time at normal conditions: In practical application, the antenna should be turned on only if the antenna / reader is near enough to the relevant transponders.
Regarding the ratio „Antenna on/off", FEIG ELECTRONIC expects a ratio of 50%.

**Charging time: 3.5 – 4 hours

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