



OBID i-scan® UHF

RFID HF / UHF Handheld Reader ID ISC.PRHD102



FEATURES

- Integrated HF- and UHF Antenna
- Bluetooth- or USB interface
- Anti-collision function
- Low Power Mode for limitation of reading distance within the UHF frequency range
- Battery-powered or powered via USB interface
- 2 operation modes: Scan-Mode / FEIG ISO Host-Mode



OBID® – RFID by FEIG ELECTRONIC

FEIG
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Combined HF- / UHF- Handheld Reader ID ISC.PRHD102

SHORT DESCRIPTION

Order Descriptions:

ID ISC.PRHD102-USB-EU HF/UHF Handheld Reader
ID ISC.PRHD102-B-EU HF/UHF Handheld Reader
ID ISC.PRHD102-B-FCC HF/UHF Handheld Reader

The combined HF- / UHF Handheld Reader

ID ISC.PRHD102 offers both, an integrated HF antenna and an integrated UHF antenna.

The maximum reading distance for HF tags is 10 cm, the reading range for UHF tags varies between 5 cm and 60 cm due to the possibility to adjust the input power.

The reader is suitable to be used at single work stations as well as for incoming goods inspection or inventories, optimally.

The reader is available as ETSI- or FCC variant (currently only Bluetooth version).

Accessories:

ID ISC.FW.UHF.PRHD-ISO18000-6C Firmware License



TECHNICAL DATA

Housing (L x W x D)	230 x 100 x 80 mm (9.06 x 3.94 x 3.15 inch)
Housing	Plastic ABS
Weight	
Bluetooth variant	270 g (with accumulator)
USB variant	170 g (without cable)
Protection class	IP 30
Operating frequencies	
HF	13.56 MHz
UHF	860 - 960 MHz
Power supply	
Bluetooth variant	4 Mignon cells 1.2-1.5 V AA
USB variant	USB – High Powered Interface
Power consumption	max. 500 mA
Transmitting power / Reading distance	
HF	200 mW / 10 cm
UHF	Input power adjustable for reading range from 5 cm to 60 cm
Interfaces	
Bluetooth variant	Bluetooth (serial port profile)
USB variant	USB (HID, 12 Mbit); ca. 2.5 m Kabel
Supported transponders	
HF	ISO 15693
UHF	EPC Gen2 ISO18000-6-C*
Antennas	integrated
Indicators	
optical	1 LED (red / green / blue)
acoustic	1 buzzer
Protocol modes	FEIG ISO Host / FEIG Scan Mode
Temperature range	
Operation	-25 °C up to 55 °C
Storage	-25 °C up to 85 °C

STANDARD CONFORMITY

Radio license	
HF	EN 300 330
UHF	EN 302 208
EMC	EN 301 489-3
Safety	
Low voltage	
Human Exposure	EN 60950

FEIG ELECTRONIC reserves the right to change specification without notice at any time .
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