



Advanced reader technologies

i-scan[®] HF

(13.56 MHz)

Hand-held Reader
ID ISC.PRH101-A/
-USB



Multi-tag Hand-held Reader for identification of ISO transponders for mobile use in fields of application like retail, industry, logistics, libraries, medical environment etc.

Features:

- Anti-collision function
- OBID i-scan[®] ISO Host Mode
- Multi-tag Reader (ISO 15693- and ISO 18000-3 tags)
Optional further tag protocols are available
- Identification when pushing the button
- 2 operation modes: Scan-Mode / Polling-Mode

Short description and technical information

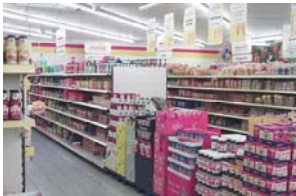
Short description

As any device of the OBID i-scar[®] HF product family, the Hand-held Reader ID ISC.PRH101-A/-USB identifies transponders with an operating frequency of 13.56 MHz.

The readers have an integrated antenna and will be delivered ready for connection.

The reader's anti-collision function allows the simultaneous identification of several different tags even through packagings.

The reader has a maximum reading-/writing distance of up to 18 cm and is suitable outstandingly for use in fields of application like retail, logistics, rental services, medical environments etc.



Retail



Medical environment



Logistics



Libraries

Technical data

Housing	Plastic ABS (closed)
Colour	RAL 9002
Dimensions (LxHxW)	230 x 100 x 80 mm
Protection class	IP 30
Power supply -Variant -A (RS232) -Variant -USB	5 V DC +/- 0,2 V controlled USB-High Powered Interface
Power consumption	max. 2,5 VA
Operating frequency	13.56 MHz
Transmitting power	0,5 W +/- 2dB
Antenna	integrated
Reading distance	maximum 18 cm
Interfaces	RS232 or USB (12 Mbit)
Address setting for interface	USB: Device ID of the reader
Processable transponders	ISO 15693, ISO 18000-3, EPC optional: further tag types
Signal generator - optical - acoustic	1 LED (red/green/blue) Buzzer
Temperature range - operation - storage	0°C up to 50°C -20°C up to 70°C
Moisture	5-95% (non-thawing)
FLASH	Software may be updated via both, RS232- and USB- interface

Standard conformity

Radio license - Europe - USA	EN 300 330 FCC 47 CFR Part 15
EMC	ETSI EN 301 489
Safety - Low potential voltage - Human Exposure	EN 60950 EN 50364
Fall	1,5 m on concrete

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02/06