

Advanced reader technologies

i-scan[®]HF

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

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As any device of the OBID i-*scan*[®] *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 trough 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.











Technical data

	Housing	Plastic ABS (closed)
es	Colour	RAL 9002
lz.	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
	Chandland a suffermetty	
	Standard conformity	

Radio license - Europe - USA

EMC

Safety - Low potential voltage

- Human Exposure

Fall

EN 300 330 FCC 47 CFR Part 15

ETSI EN 301 489

EN 60950 EN 50364

1,5 m on concrete

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