



i-scan[®]

**Hand held Reader
ID ISC.PRH110-A**



Multi-tag hand held reader for identification of Smart Labels for mobile operation in retail, industry, logistics, libraries, pharma etc.

Features:

- Anti-collision function
- OBID *i-scan*[®] SMP (Standard Multi-tag Protocol)
- Multi-tag reader (ISO 15693-tags like I-CODE, Tag-it, my-d, STM, KSW TempSense etc.; EPC-Tags)
- battery-powered
- 2 operation modes: Scan-Mode / Polling-Mode

Short description

As any device of the OBID *i-scan*[®] product family the hand-held reader ID ISC.PRH110-A operates with Smart Labels based on transponders with an operating frequency of 13.56 MHz. The reader has a maximum reading distance of up to 18 cm and is suitable primary for use in combination with a PDA or Laptop.

PDA or Laptop can be used as a mobile host (e.g. as a data collector) without stressing the host's battery through the hand-held reader.

Identification of Smart Labels even arranged very thickly to each other is possible by the reader's own power supply. A battery-capacity of 750 mA guarantees up to 2000 Scans.

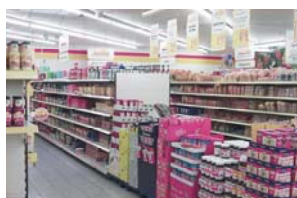
For programming of host-applications at mobile computers, FEIG offers DLL's for several systems like Pocket PC, CE 3.0, CE.NET, Linux- and Java.

Technical data

Housing	Plastic ABS
Colour	RAL 9002 / RAL 7044
Dimensions (LxWxH)	230 x 100 x 80 mm
Weight	320 g (without batteries)
Protection class	IP 30
Cable length	2,5 m
Power supply	4 Mignon cells 1,2 - 1,5 V AA (not contained in the delivery)
Power consumption	max. 3 VA
Operating frequency	13.56 MHz
Transmitting power	0,5 W
Antenna	integrated
Interface	RS232
Processable transponders	ISO 15693-tags, I-CODE 1, Tag-it HF, EPC-tags
Signal generator	
- optical	1 LED (red/green)
- acoustic	1 buzzer
Temperature range	
- operation	0°C up to 50°C
- storage	-20°C up to 70°C
Moisture	5-95% (non-thawing)



Pharma



Retail



Libraries

Standard conformity

Radio license	
- Europe	EN 300 330
- USA	FCC 47 CFR Part 15
EMV	ETSI EN 301 489
Security	
- Europe	EN 60950
Drop	1,5 m to concrete