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OBID

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

FEIG ELECTRONIC

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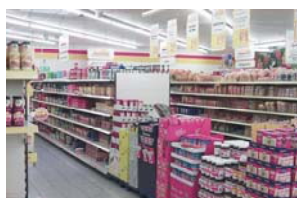
For programming of host-applications at mobile computers, FEIG offers DLL´s for several systems like Pocket PC, CE 3.0, CE.NET, Linux- and Java.

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 - acoustic	 1 LED (red/green) 1 buzzer
Temperature range - operation - storage	 0°C up to 50°C -20°C up to 70°C
Moisture	5-95% (non-thawing)

Standard conformity

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

Pharma

Retail

Libraries