



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**i-scan<sup>®</sup>**

**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<sup>®</sup> 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*<sup>®</sup> 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.

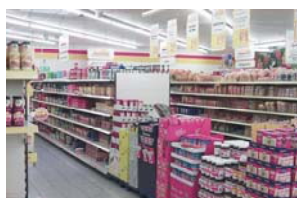
For programming of host-applications at mobile computers, FEIG offers DLL's for several systems like Pocket PC, CE 3.0, CE.NET, Linux- and Java.

## 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