Reader

The ASK **HCR 918** contactless handheld reader is a flexible, rugged and versatile reader for transit and multi-application. The contactless interface embeds ASK UCM contactless module.

HCR 918 is available with a bar code, magstripe and/or contact reader as well as GSM, GPRS, 3G+, GPS, Wifi and Bluetooth communication.

HCR 918

Contactless Handheld Reader

Application

- Transportation
- Identity
- Payment, point of sale
- Loyalty
- Entertainment
- Logical / physical access control
- All 13.56 MHz contactless applications

Product features

- UCM108 embedded
- ISO14443 A/B/B', Felica®, Mifare®
- RCTIF V.4.0 Amd 1, PCD class B certified
- High speed RF communication: 106 up to 848 kb/s for ISO14443-4 A/B and 212 up to 424 kb/s for Felica®
- Windows CE 5.0, Windows mobile 6.1
- RS232 Serial port and USB OTG port
- 2 integrated SAM slots
- Processor XScale PXA270 at 624 MHz
- 3.7" VGA display (640x480 pixels) touch screen
- Hands free speaker
- Microphone/receiver
- Micro SDHC slot
- Memory: 128 Mo RAM and 256 MB Flash
- IP65 protection
- Resistance: from 1.5 m in height onto concrete floor
- Operating temperature: -10° C + 50°C
- Storage temperature: -20°C +60°C
- Size: 160 mm x 81 mm x 51 mm
- Weight: 497 g battery included

HCR 918

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Optional devices

- 2D Bar code reader
- Magnetic stripe reader
- GSM/GPRS/EDGE 3G - HSDPA – GPS module
- Wifi and Bluetooth communication

Supported cards

- Any ISO 14443 A/B/B' standard card
- Mifare® classic, Mifare UL, Mifare Plus,
- Mifare DesFire
- ITSO, Calypso, VDV KA
- CTS512B, CTM512B, ST SR Family
- Sony Felica®
- Java Card®

Accessories

- Single and multiple docking station USB/ Ethernet adaptor
- Docking station for vehicle
- Reloadable battery LI-ION 3.7 V/5000 mAh
- Car charger
- Adjustable hand strap
- Carying case

Development and evaluation kit

The development and evaluation kits feature a set of tools to enable quick and easy development / evaluation to operate contactless cards, C.tickets® and readers. They are available in a package containing:

- 1 HCR 918
- USB and serial adaptation cables
- 1 full range of contactless cards and C.tickets®
- 1 USB flash drive with:
  - Software drivers, evaluation applications
  - Libraries and technical documentation (development kit only)

HCR918

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