

SPECIFICATIONS

System

Memory	256MB DDR-2 RAM, 4GB Flash
Memory Expansion	1 x micro-SD Memory Slot
Device Operating System	(Support up to 32GB)
Host PC Operating System	WinCE 6.0
Programming Language	Windows® 7/ Vista/ XP C++ Programming, NET Programming in Microsoft® Visual

Communication Interfaces

Bluetooth	Bluetooth Version 2.0
Wireless LAN	IEEE 802.11 b/ g Wi-Fi
Network	3.5G - W-CDMA, 850, 1900, 2100 MHz, GSM/ GPRS/ EDGE (1 x SIM Slot)
USB	USB Client 1.1 (Active Sync)

Contactless Card Reader

Standard	ISO/ IEC 14443 A/B Part 1,2,3,4, MIFARE, FeliCa
Card Type	MIFARE Classic/ Ultralight/ Ultralight C/ DESFire/ MIFARE Plus/ Sony FeliCa/ HID iClass
Card Transmission Rate	Up to 848 kbps (Card Type Dependent)

Contact Card Reader

Standard	ISO/ IEC 7816 Part 1,2,3, (T=0, T=1)
Card Type	1 x ID-1 Card Slot 3 x ID-0 SAM Slots
Communication Speed	9.6 kbps up to 115.2kbps
Card Type	Class A & B

Environment

Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Humidity	5% to 90% RH, Non-condensing
Water & Dust Protection	*IP65 (Dust & Water Resistance)
Drop Tolerance	*1.5m
*HRT300 & 500 Only	

Power

Battery	7.4V 1800mAh Li-ion Battery 7.4V 3600mAh Li-ion Battery (Optional)
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Camera

Resolution	5 Megapixel
Flash	LED Flash

Mechanical

Dimension (L x W x H)	164 x 94 x 44 mm (HRT300) 198 x 94 x 48 mm (HRT500) 230 x 94 x 78 mm (HRT700)
Weight	460 g (HRT300) 510 g (HRT500) 620 g (HRT700)

OPTIONAL FEATURES

Fingerprint Sensor

Sensor	Optical Sensor
Resolution	500 dpi
Active Area (mm)	14 x 22
Supported Template	Sagem Algorithm, ISO 19794-2,
Template Formats	ANSI/INCITS 378, RAW/Bitmap, WSQ (Optional)

Thermal Printer

Standard	Integrated 2" Thermal Printer
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1D/ 2D Barcode Scanner

Supported Standards	EAN8, EAN13, CODE39, CODE128, Interleaved 2 out of 5, PDF417, Data Matrix, QR-CODE, Aztec
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GPS

Stand Alone GPS

OPTIONAL ACCESSORIES

Cradle



Device and Battery
Charging Cradle

Carrying Pouch



PVC Pouch

Protective Sleeve



Rubber Sleeve

Battery



3600 mAh
Battery



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HRT SERIES

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HRT 300

KEY FEATURES

- Contact Card Reader
- Contactless Card Reader



PRODUCT CONFIGURATIONS

	0384	0385	0406	0407	0408	0414	0415
Contactless Reader - MIFARE, FeliCa	■	■	■	■	■		
Contactless Reader - HID						■	■
Contact Card Reader	■	■	■	■	■	■	■
Barcode Reader		■	■				■
Camera		■	■	■	■	■	■
GPS		■			■	■	■

FUNCTIONAL DESCRIPTION



RUGGEDIZED FORM FACTOR

Meets IP65 water and dust sealing protection that enables seamless field operation.



WIDE RFID STANDARD COMPATIBILITY

Delivers a wide radius of RFID compatibility such as MIFARE, DESFire, Ultralight and HID i-Class.

HRT 500

KEY FEATURES

- Contact Card Reader
- Contactless Card Reader
- Fingerprint Sensor



PRODUCT CONFIGURATIONS

	0421	0422	0423	0424	0425	0426
Contactless Reader - MIFARE, FeliCa	■	■	■	■		
Contactless Reader - HID					■	■
Contact Card Reader	■	■	■	■	■	■
Fingerprint Scanner	■	■	■	■	■	■
Barcode Reader	■	■			■	
Camera	■	■	■	■	■	■
GPS	■		■		■	■

FUNCTIONAL DESCRIPTION



OPTICAL FINGERPRINT SENSOR

Equipped with optical bi-directional biometric module which captures clear and definite biometric images regardless of the direction of the finger.



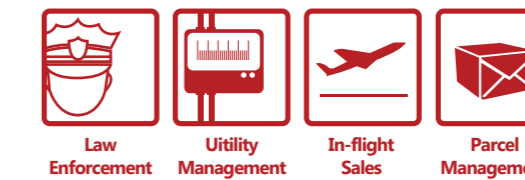
ONE-TO-MANY IDENTIFICATION

Biometric module that can save up to 1000 biometric templates ensures wide identification radius.

HRT 700

KEY FEATURES

- Contact Card Reader
- Contactless Card Reader
- Fingerprint Sensor
- Thermal Printer



PRODUCT CONFIGURATIONS

	0416	0417	0418	0419	0420
Contactless Reader - MIFARE, FeliCa	■	■	■	■	■
Contact Card Reader	■	■	■	■	■
Fingerprint Scanner	■	■			
Barcode Reader	■		■		
Camera	■	■	■	■	■
GPS	■	■		■	

FUNCTIONAL DESCRIPTION



SEAMLESS COMMUNICATION

Integrated with broad range of advanced data collection features with flexible communication capabilities.



BUILT IN THERMAL PRINTER

Integrated with thermal printer for all printing needs such as receipts and tickets.