PRADOTEC
Innovation for Tomorrow

HRT300

Handheld Rugged Terminal





Sleek and Rugged

Innovative and Efficient

Environmental And User Friendly



Disaster Management



Ticket Validation



Logistic



Cashless Transaction

SPECIFICATION

Systems

Memory	256MB DDR-2 RAM, 4GB Flash
Memory Expansion	1 x micro-SD Memory Slot (Support up to 32GB)
Device Operating System	WinCE 6.0
Host PC Operating System	Windows® 7/ Vista/ XP
Programming Language	C++ Programming, NET Programming in Microsoft® Visual Studio 2005

Human Interfaces

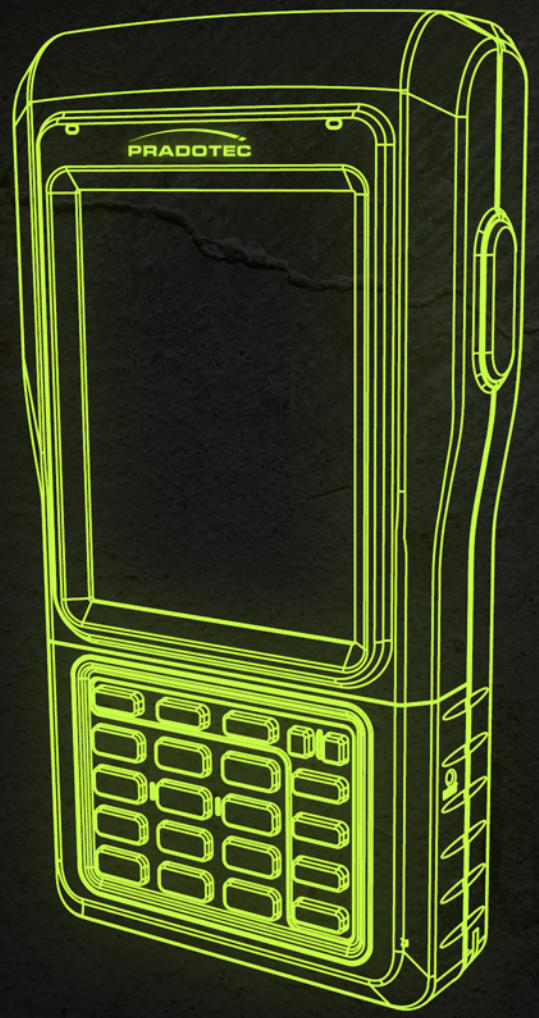
Display	3.5 inch (480 x 640) pixel Transflective TFT Colour Touch Screen Gyro System
Keypad	12 Alphanumeric Buttons, 3 Function Buttons and 1 Power On/ Off Button
LED	1 x Power Status 1 x Network Status 1 x Charge Status
Speaker	Built-in Mono Speaker

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)

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



Contact Card Reader

Standard	ISO/ IEC 7816 Part 1, 2, 3, (T=0, T=1)
Card Slot	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

Contactless Card Reader

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

Mechanical

Dimension	164mm (L) x 92mm (W) x 42mm (H)
Weight	Approximately 500g

Power

Battery	7.4V 1800mAH Li-ion Battery 7.4V 3600mAH Li-ion Battery (Optional)
Operating Time	4 - 6 Hours

Camera

Resolution	5 Megapixel
Flash	LED Flash

Add On Features

1D/ 2D Barcode Scanner

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

GPS

Stand Alone GPS

HID · Windows CE · Bluetooth · bg WiFi · USB · RoHS Compliant · CE · FC

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