

# HRT700

Handheld Rugged Terminal

Multi Application

Productive And Reliable

Anytime, Anywhere



**Law Enforcement**



**Field Mobility**

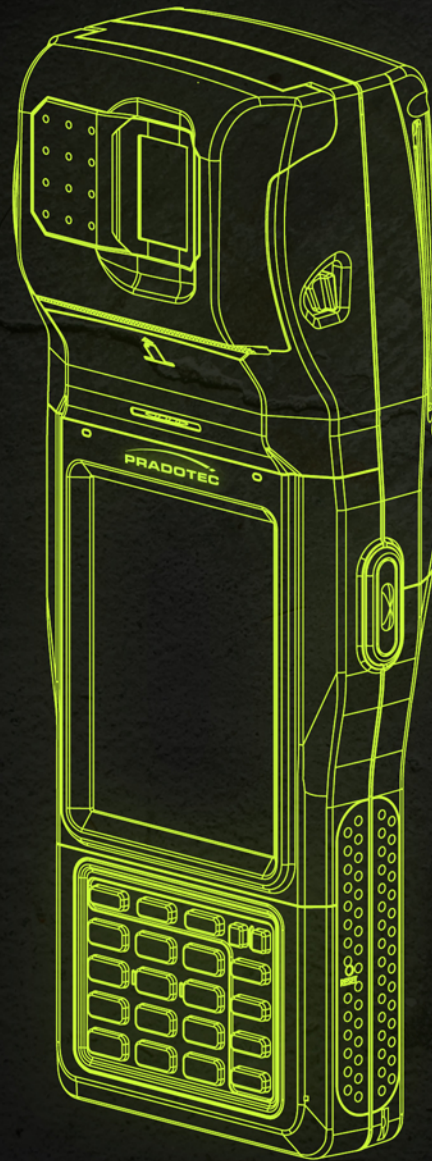


**In-Flight Sales**



**Parcel Management**

# 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

## Fingerprint Scanner

### Sensor

Optical Sensor

### Resolution

500dpi

### Active Area

14mm x 22mm

### Supported Template

Sagem Algorithm

### Template Formats

Morpho Proprietary, ISO 19794-2, ANSI/  
INCITS 378, RAW/ Bitmap WSQ (Optional)



## Environment

### Operating Temperature

-10°C to +50°C

### Storage Temperature

-20°C to +60°C

### Humidity

5% to 90% RH, Non-condensing



## Thermal Printer

### Standard

Integrated 2 inch Thermal printer



## 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

### Card Transmission Rate

Up to 848 kbps (Card Type Dependent)

### Card Reading Distance

Up to 2cm (Card Type Dependent)



## 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)



## Mechanical

### Dimension

231mm (L) x 91mm (W) x 60mm (H)

### Weight

Approximately 700g



## 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

