

# New Product Introduction

## Unitech PA600 HF RFID



Released by Unitech APAC & Middle East region

# Table of Contents

- I. EXECUTIVE SUMMARY ..... 1**
  - 1. PRODUCT BRIEF ..... 1
  - 2. PRODUCT ROLLOUT SCHEDULE ..... 1
  - 3. TARGET MARKETS ..... 1
- II. PRODUCT ..... 2**
  - 1. SPEC: ..... 2
  - 2. PRODUCT POSITIONING ..... 3
  - 3. AVAILABLE MODEL ..... 3
  - 4. PRICING ..... 3
- III. PROMOTION KIT ..... 4**
  - 1. PRODUCT DESCRIPTION SET ..... 4
  - 2. SALES KIT ..... 5
  - 3. ADVERTISING ..... 5
  - 4. EXHIBITIONS ..... 5
- IV. WARRANTY: 1Y ..... 5**

## I. Executive Summary

### 1. Product Brief

Unitech’s innovative PA600 HF RFID device has been designed to support 15693/14443A/14443B ISO standards enabling one device to be used for multiple RFID applications. Powered by Windows Mobile 5.0, the PA600 HF seamlessly interfaces with a wide range of databases via its support for Microsoft BizTalk Server and Oracle Database Lite. This compact yet rugged mobile computer has integrated Bluetooth and WLAN as standard making it suitable for a variety of RFID applications including, facilities management, tourism, ticket inspection and healthcare. A full alphanumeric keypad and large QVGA touch screen allows improved viewing for users.

#### Key Features

- Windows Mobile 5.0 Powered
- Intel Processor 520MHz
- Memory size 320MB Flash, 64MB SDRAM
- RFID HF Reader Built-in, support ISO15693, ISO14443A, ISO 14443B
- Bluetooth, 802.11b/g Built-in
- IP64, Drop 1.2M
- Compact and Light weighted, only 310g

### 2. Product Rollout Schedule

<b>NPI - PA600 HF w/ BT+WLAN</b>	<b>24<sup>th</sup> of August, 2008</b>
<b>Order Taking</b>	<b>Start from now</b>
<b>Delivery</b>	<b>Three weeks</b>
<b>Manuals</b>	<b>Download from website</b>
PA600 HF w/BT/WLAN/2D scan engine, light color scheme dedicated for Healthcare Market	End of September, 2008

### 3. Target Markets

Market	Ticket Inspection	Feed & Food	Factory Facility Security Management	Healthcare
<b>Application</b>	Public Transportation	Animal Checking	Facility Maintenance	Patient Security
	Museum	Feeding Records	Meter Reading	RFID bottled Medication Control
	Exhibition	Food Security Tracking	Outsourcing Staff ID Checking	-

**II. Product**
**1. Spec:**

Spec	PA600 HF
CPU	Intel PXA270 520MHz
Flash ROM	320MB
SDRAM	64MB
OS	Microsoft Windows Mobile 5.0
Keypad	18 hard keys including numeric key, alpha key, BackSpace, Enter, TAB, ESC, . Keypad with Backlight.
Display	240 x 320 Transflective TFT Color LCD support 256K color, w/backlight, and brightness adjustable by hot-key
Input Device	stylus, touch screen or keypad
RFID Reader	High Frequency (HF) 13.56MHz ISO 15693 ISO 14443 A ISO 14443 B
Tag Support	I-Code II, I-Cose SLI, and 14443A/B tags
Reading Distance	30~50mm, depends on tags
Main Battery	3.7V, 2200mAH, Rechargeable Li-ion Battery Pack
Backup Battery	Ni-MH battery
First time charging	At least 16 hours for first charging
Dimension	Lx H x W: 149.5 x 35.5 x 85 mm
Weight with battery(g)	310g
Operating Temperature	-10~ 50°C
Storage temperature	-20 ~ 60°C
Drop test to Concrete	1.2M
Environmental Sealing	IP64
Communication	USB Host, Client 802..11b/g support
ActiveSync	Through USB or Bluetooth.
Software Programming Tool	Microsoft Embedded Visual Tools PA600 HF SDK
3 <sup>rd</sup> Party Software	Oracle Database Lite Microsoft RFID BizTalk 2006 R2 WaveLink
Key Accessories (All shared with PA600 series)	Desktop Cradle Modem Cradle 4 Slot Ethernet Cradle 4-Slot Battery charger Vehicle cradle
Regulatory	CE, FCC, VCCI, NCC, CCC

2. Product Positioning



3. Available Model

Model Name	Description
PA600 -266ADG	Portable Data Terminal, Windows Mobile 5.0, English Version, X-Scale 520MHz, 64M DRAM, 320M Flash ROM, Color screen, integrated BT & WiFi, w/o laser engine, including below accessories: 1. Power Unit with Universal Plugs (PN:1010-601959G) 2. USB cable for Power Unit (PN:1550-602585G) 3. 3.7V 1950mAH Li-Ion battery pack (PN:1400-202535G)

4. Pricing

Please kindly contact with your regional sales teams.

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### III. Promotion Kit

#### 1. Product Description Set

- **50 words**

##### **Compact Rugged PDA with HF Reader**

The PA600 HF from Unitech is an innovative RFID-enabled mobile computer that supports 15693/14443A/14443B ISO standards in a single device. Powered by Windows Mobile 5.0, this lightweight, IP64 rated rugged device has integrated Bluetooth and WLAN as standard and a large QVGA touch screen providing users with easy access to data.

- **100 words**

##### **Compact Rugged PDA with HF Reader**

Unitech's innovative PA600 HF RFID device has been designed to support 15693/14443A/14443B ISO standards enabling one device to be used for multiple RFID applications. Powered by Windows Mobile 5.0, the PA600 HF seamlessly interfaces with a wide range of databases via its support for Microsoft BizTalk Server and Oracle Database Lite. This compact yet rugged mobile computer has integrated Bluetooth and WLAN as standard making it suitable for a variety of RFID applications including, facilities management, tourism, ticket inspection and healthcare. A full alphanumeric keypad and large QVGA touchscreen allows improved viewing for users.

- **150 words**

##### **Compact Rugged PDA with HF Reader**

Based on Unitech's IF award winning PA600 rugged mobile computer, the PA600 HF is an innovative PDA to support three ISO standards in a single device. With rating IP64, this device has integrated Bluetooth and WLAN as standard and is still small enough to fit into a shirt pocket. Its ability to support ISO15693/14443A/14443B allows it to be used across a variety of different RFID applications in the same organisation.

The large 240 x 320 QVGA touchscreen and ergonomically designed alphanumeric keypad enables users across a variety of markets including, tourism, train ticketing and biotech labs to view more information about the RFID tags that have been read and makes data entry simple. Running on Windows Mobile 5.0 the PA600 HF provides a user friendly operating system and supports Oracle Database Lite and Microsoft BizTalk RFID, allowing end users to synchronise RFID data with existing business systems and databases.

## 2. Sales Kit

- Product introduction (power point file)
- Marcom Kit
  - Brochure (English version, pdf file)
  - Product Photo
  - Poster
  - Press Release (PR)

## 3. Advertising

To be arranged by Regional Partners

## 4. Exhibitions

The PA600 HF shall be introduced in recent events.

## IV. Warranty: 1Y

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