HT660 – Puts the power in your hands
Develop your own applications and manage your own integration with the HT660. This feature-rich handheld terminal is designed to give you more flexibility and control over your mobile data collection applications.

Choose the design that’s right for you
The HT660 is designed for single or two-handed operation in manufacturing, retail, transportation and logistics sectors. For scan intensive applications, such as warehousing, an optional gun grip is available.

Built to last
The rugged design of the HT660 won’t let you down. Designed for the harshest environments, it can withstand multiple 1.5M drops to concrete and has an IP54 rating safeguarding it from moisture and dust.

Productivity is maximized with 12 hours of battery life, which is longer than most work shifts. Data is also secured with a 72 hour backup battery. The charging cradle supports an extra battery ensuring a spare is always available to minimize downtime.

Future - Proof functionality
Maximize the return on your IT investment by meeting the demands of today’s applications as well as those that are just around the corner. With the 802.11b/g WiFi and Bluetooth radios, Microsoft Windows CE 5.0 Core operating system, 1D laser scanner, SD card slot, and color QVGA touch screen, the HT660 is packed with features that can be integrated with other software and hardware, including mobile printers.

Putting the user first
The HT660 weighs just 360 grams, and with comfortable rubber grips, it is designed to fit perfectly in your hand and stay there, even in wet conditions. The high contrast, backlit color touch screen, 36-key keypad, and integrated bar code scanner make it quick and easy to capture data indoors or out.

Main Features
- Microsoft Windows CE 5.0 Core
- Intel CPU PXA255 Processor
- QVGA backlit color touch screen
- 36-key alphanumeric keypad
- 802.11 b/g (optional)
- Bluetooth
- Integrated laser scanner
- Gun grip (optional)
- IP54 rated against water & dust
- Withstands 1.5M drops to concrete
- SD card slot
- RS232 / USB
- 12 hour battery life
Specifications

**System**

- **System**
  - **OS:** Microsoft Windows CE 5.0 Core
  - **CPU:** Intel PXA255, processor @ 300MHz
  - **SDRAM:** 64MB
  - **Flash ROM:** 64MB
  - **SD Slot:** Supports SD/MMC Memory Card up to 1GB

**Display**

- **QVGA 240 x 320 color 2.7” TFT LCD display with touch screen and backlight**

**Keypad**

- **36-key keypad with numeric key, alpha key, function key, ESC, ENT, backspace, cursor key, trigger key, and other symbol key**

**Input Device**

- **Keypad, touch screen, full alphanumeric software keyboard, and bar code scanner (Laser or CCD)**

**Laser Bar Code Scanner**

- **Scan Rate:** 104 scans/sec. ± 12 scans/sec. (bi-directional)
- **Scan Angle:** 47º±3º default / 35º±3º reduced
- **Decode Zone Typical**
  - 4.0 mils: 1.0 in. - 5.5 in. / 2.45 cm - 13.97 cm
  - 5.5 mils: 1.25 in. - 8.1 in. / 3.18 cm - 20.32 cm
  - 7.5 mils: 1.5 in. - 13.25 in. / 3.81 cm - 33.66 cm
  - 10 mils: 1.75 in. - 17.5 in. / 4.45 cm - 44.45 cm
  - UPC 100%: 1.5 in. - 23.5 in. / 3.81 cm - 59.69 cm
  - 15 mils: 1.5 in. - 29.5 in. / 3.81 cm - 74.93 cm
  - 20 mils: 1.75 in. - 35.5 in. / 4.45 cm - 90.17 cm
  - 40 mils: * - 40 in. / * - 101.6 cm
  - 55 mils: * - 55 in. / * - 139.7 cm
- *** Dependent on width of bar code**

**Symbologies**


**Communications**

- **RS232:** 1.1 Client
- **USB 1.1:** Full duplex asynchronous communication
- **Bluetooth:** Class II
- **Wireless LAN:** 802.11b/g
- **Modem:** (Not yet available)

**Electrical**

- **Sources**
  - 1. 100-240V 5V 3A DC external adapter
  - 2. Rechargeable Li-Ion battery pack @ 3.7V 1950mAh
  - 3. Rechargeable Backup battery @ 3.7V 120mAh
- **Consumption**
  - Standby: 90–100mA
  - Suspend: 2–5mA
- **Battery Life**
  - More than 12 hours at 1 scan 1 pass via BT per 5 seconds
  - 4 hours via charging cable or docking station

**Mechanical**

- **Dimension:** 199.5mm(L)x79mm(H)x39.6mm(W)
- **Weight:** 360g with battery pack

**Environment**

- **Operating Temp:** 32ºF to 122ºF (0ºC to 50ºC)
- **Storage Temp:** -4ºF to 158ºF (-20ºC to 70ºC)
- **Relative Humidity:** 5% to 95% (non-condensing)
- **IP Rating:** 54
- **Drop:** 1.5M

**Docking Station**

- **RS232/USB Cradle (With spare battery charging function)**
- **Modem:** (Not yet available)
- **Charging:** 4 hours
- **Power input:** AC Adapter 5V DC@3A

**Key Accessories**

- **USB Cable for Charging & Communication**
- **Power Supply**
- **Hand Strap**
- **Stylus**
- **Holster**
- **Gun Grip (optional)**

**Software Development Kit**

- **Microsoft Visual Studio (C++, C# and VB.NET)**
- **Unitech HT600 SDK**
- **MCL Collection (optional)**

**Regulatory Approvals**

- **CB, CE, FCC, BSMI, VCCI, CCC, TELEC, RoHS Compliant**

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