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HT660
Mobility &
Productivity

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

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HT660
Specifications

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 in. / 3.18 cm - 20.32 cm
7.5 mils	1.5 in. - 13.25 in. / 3.81 cm - 33.66 cm
10 mils	1.5 in. - 17.5 in. / 3.81cm - 44.45 cm
UPC 100%	1.5 in. - 23.5 in. / 3.81cm - 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 - 90.17cm
40 mils	* - 40 in. / *- 101.6 cm
55 mils	* - 55 in. / *- 139.7 cm

* Dependent on width of bar code

Symbologies

UPC-A/E, EAN-8/13, Codabar, Code 39,
Code 39 full ASCI, Code 93, Code 32,
Interleaved & Std. 2 of 5, EAN 128, Code 11,
Delta, MSI/Plessey, Code 128, Toshiba.

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
Charging	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