unitech

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 and transport and logistics sectors. For scan intensive applications such as warehousing there is an optional gun grip. Choose the set up that's best for you or mix and match to meet each application.

Built to stand the test of time

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 maximised with a 12 hours battery life that lasts longer than most shifts and data is secured with a 72 hour back upbattery. The charging cradle also supports an extra battery ensuring a spare is always available and minimising downtime.

Future - proof functionality

Meet the demands of today's applications as well as those that are just around the corner and maximise the return on your IT investment. With the 802.11b/g WiFi and Bluetooth radios, Microsoft Windows 5.0 Core operating system, scanner, SD card slot and colour QVGA touch screen the HT660 is packed with features and can be integrated with other software and hardware, including mobile printers.

Putting the user first

Weighing just 360 grams and with comfortable rubber grips, the HT660 is designed to fit perfectly in the hand and to stay there, even in wet environments. The high contrast backlit colour touch screen, 36-key keypad and integrated bar code scanner makes it quick and easy to capture data indoor or outdoor.

Main Features

- Microsoft Windows CE 5.0 Core
- Intel CPU
- QVGA backlit colour touch screen
- Backlit 36-key alphanumeric keypad
- 802.11 b/g radios
- Bluetooth
- Integrated laser / CCD scanner
- Gun grip (optional)
- IP54 rated against water & dust
- Withstands 1.5m drops to concrete
- SD card slot
- RS232 / USB / modem
- 12 hours battery life

unitech
Green Product

Microsoft®
Windows®
Embedded
Partner

System

OS	Microsoft WinCE.NET 5.0 Core
CPU	Intel PXA255, running up to 300MHz
SDRAM	64 MB
Flash ROM	64MB
SD Slot	Support 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 and function key, ESC, ENT, Backspace, and 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	$47^{o}\pm3^{o}$ default / $35^{o}\pm3^{o}$ 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- 44.45cm
UPC 100%	1.5 in. - 23.5 in. / 3.81cm- 59.69cm
15 mils	1.5 in. - 29.5 in. / 3.81 cm- 74.93cm
20 mils	1.75 in. - 35.5 in. / 4.45 cm- 90.17cm
40 mils	* - 40 in. / *- 101.6 cm
40.0 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	

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	32°F to 122°F (0°C to 50°C)
Storage Temp	-4°F to 158°F (-20°C to 70°C)
Relative Humidity	5% to 95% (non-condensing)
IP Rating	54
Drop	1.5M

Docking Station

RS232/USB Cradle (With spare battery charging function)

Modem Cradle (With spare battery charging function)

Charging	4 hours
Power input	AC Adapter 5V DC@3A

Key Accessories

USB Cable for charging & communication

RS232 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

Unitech America
Los Angeles, Houston, Guadalajara
http://www.ute.com   e-mail: inquiry@ute.com
http://latin.unitech-adc.com   e-mail: info@latin.unitech-adc.com

Unitech APAC
Taipei
http://www.unitech-adc.com   e-mail: aidcsales@adc.unitech.com.tw

Unitech Japan
Tokyo
http://www.unitech-japan.co.jp   e-mail: sales@unitech-japan.co.jp

Unitech Europe
Tilburg / Netherlands
http://www.unitech-europe.com   e-mail: sales@unitech-europe.com

Unitech Greater China
Beijeng, Suzhou, Shanghai, NingPo, Guang Zhou, Xiamen
http://www.ute.com.cn   http://www.ute.cn   unitech@ute.com.cn
Taipei   http://adc-utt.unitech.com.tw   barcode@unitech.com.tw

Head Office
Taipei
http://www.unitech-adc.com   e-mail: marketing@adc.unitech.com.tw