



HT650

Next Generation Handheld Terminal

HT650 is the next generation handheld terminal with lightweight and reliable for a wide range of applications, such as garment processing, food order taking, logistics controlling and inventory management.

Ergonomic design with one-handed usability

Bringing the ultimate user-friendly experience to your business, HT650 is available with one-handed usability, enhanced loudness buzzer and centered larger scanning key which delivers a new level of easy operation. Moreover, featuring data collections in linear engine and built-in 2.4" color QVGA touch screen with Microsoft Windows CE operating system, allowing users complete their tasks in an efficient way through the familiar interface.

High performance and Rugged Durability

While equipped with 312 MHz Marvell processor, Unitech HT650 is a highly reliable handheld terminal which provide superior performance that cater to the needs of enterprise. It is rugged enough to withstand drops from four feet to concrete or shock and constructed with an IP54 rating guaranteeing protection against moisture, dirt and dust.



Mobile and Versatile

In addition, HT650 provides 64MB ROM and additional 2G flash memory for critical data storage. HT650 also offers Bluetooth, Wi-Fi and wireless LAN 802.11 b/g radios for real-time data collection. Combing with multi-functionality and lightweight design, Unitech HT650 perfectly reflects its high performance at a best available price.

Features

- Microsoft Windows CE 5.0 operating system
- Ergonomic, lightweight design (only 170g)
- Integrated 1D Laser scan engine
- Built-in 2.4" color QVGA touch screen
- 802.11 b/g and Bluetooth 2.0 +EDR connectivity
- Equipped with Marvell PXA270 312 MHz high performance processor
- Durable IP54 rated
- 1.2-meter / 4-foot drop threshold

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Operation System

CPU	Marvell PXA270 312 MHz
Memory	64MB SDRAM 64MB Flash ROM + 2GB Flash Storage
OS	Microsoft Windows CE 5.0 Core Version

Display

Trans-missive 2.4" TFT 240 x 320 Color QVGA LCD with high brightness LED touch panel

Keypad

22 keys with a large centered scanning key

Indicator

Charging Mode	Red : Charging / Green : Fully charged
Scanner Mode	Red : Scanning / Green : Good scan

Symbologies

1D Laser Barcode Engine

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

Power Source

Main Battery	4.0 Watt-Hour 3.7V @ 1100 mAh 6.8 Watt- Hour 3.7V @ 1840mAh
Backup Battery	30 minutes

Audio

Speaker	Enhanced loudness buzzer
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Communication

USB	USB 1.1
WLAN	IEEE 802.11 b/g with Cisco Compatible Extensions (CCX) Version 4 certification WPA and IEEE 802.11i WPA2 Compliant Support full range of 802.1x(EAP) including EAP-TLS, EAP-FAST, LEAP, PEAP-MSCHAPv2 and PEAP-GTC , Static, Pre-shared and Dynamic encryption 40-bit and 128-bit keys. WEP, WPA: TKIP and WPA2:AES
Bluetooth	Bluetooth® V2.0 class II support WiFi Coexistence

Enclosure

Weight	170g with 1100mAh battery pack
Dimension	Approximately 135(L) x 50(W) x 25(H) mm

Environmental

Operating temperature	-10°C to 50°C
Storage temperature	-20°C to 60°C
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.2 meter
Environmental Sealing	IP54

Software

Microsoft Visual Studio 2005 / 2008
Unitech Handheld terminal SDK

Accessories

Single Slot USB Cradle
1100mAh standard Battery
1830mAh Extension Battery
USB communication and charging cable
Power adaptor with universal plugs

Regulatory Approvals

CE, FCC, BSMI, CCC, SRRC, NCC RoHS compliance



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