



HT682

Rugged Handheld Terminal

Streamline your business processes by Unitech HT682 versatile handheld terminal, ideal for manufacturing, logistics and transportation. Coming with an area scanner design for high range scanning, HT682 brings a new level of high reliability, functionality and durable design, allowing users to increase productivity and efficiency in data collection applications.

Built to Survive in tough environment

Designed for the harsh environments, HT682 is rugged enough to withstand multiple 6 feet drop to concrete and equipped with IP65 environmental seal against water and dust. Featuring a great adaptable design, the device provides multiple wireless communications such as Bluetooth, Wi-Fi and wireless LAN 802.11 b/g/n radios for real-time data collection.

Versatile and ergonomic design

Coming with an area scanner design for high range scanning, HT682 offers ergonomic 30 degree scanning tilt for best user experience. Base on its ergonomic and compact design for one-handed operation, HT682 is an ideal tool to automate the capture of inventory data and allows user to take action quickly and accurately.

Advanced Mobile Operating Systems

Featuring a 2.8 inch display with color touch screen and micro SD expansion slot for data storage, HT682 is also equipped with the latest Windows Embedded Compact Professional 6.0 R3 operating system which is compatible with various software applications. Combining functionality with durable design, the Unitech HT682 provides the power for enterprise to streamline business processes and increase productivity and efficiency in all data collection applications.

Features

- Windows Embedded Compact Professional 6.0 R3
- TI OMAP AM3703, 800MHz
- Integrated 1D Laser / 2D Imager (optional) scan engine
- 30 degree scanning tilt
- 802.11 b/g/n and Bluetooth 2.1 +EDR connectivity
- Expendable MicroSD memory card
- Gold plated non-rusting connector pins
- IP65 rated
- 1.8-meter / 6-foot drop threshold



HT682 Specifications

Operation System

CPU	TI OMAP AM3703, 800MHz
Memory	SDRAM : 512MB Flash ROM : 512MB
OS	Windows Embedded Compact Professional 6.0 R3

Display

2.8" QVGA, Color Transflective TFT, with Touch Screen & backlight

Keypad

22 Keys, including 4-direction, function, and numeric keys.

Indicator

LEDs, Vibrator

Symbologies

1D Laser Barcode Engine (optional)

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, RSS expanded, RSS Limited, RSS14.

2D imager (optional)

1D codes

Australian Post, British Post, Codabar, Coupon Code, Code 11, Code 32, Code 128, Code 39, Code 93, Dutch, EAN13, EAN8, IATA 2 of 5, ISBT, Japanese Post, Kix code(nl), Matrix 2 of 5, MSI, Planet Code, Postnet, RSS14 expanded, RSS14 Limited, RSS14, UPC A, UPC E, UPC E1, GS1-128 (UCC/EAN-128), Standard ZOF5(Discrete ZOF5), Trioptic.

2D codes

Aztec, Datamatrix, Maxicode, Micro PDF417, PDF417, QR Code, Composite CC-A/B, Composite CC-C, GS1-128 (UCC/EAN), TCL39, UPC Composite Mode.

Long Range Imager (Intermec EX25)

Support all major 1D and 2D barcodes

Power Source

Main Battery	8.14 Watt-Hour 3.7V @ 2200 mAh 14.8 Watt- Hour 3.7V @ 4000mAh
Backup Battery	backup capability over 72 hrs



Communication

USB
WLAN

USB V2.0 Client, Host
CCXv4 certified Summit Radio 802.11 b/g/n
WEP, WPA, WPA2, WEP, RC4 Algorithm. TKIP, RC4 Algorithm, AES, Rijndael Algorithm,
Static (40-bit and 128-bit lengths), Pre-Shared (PSK),
Dynamic EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC
Bluetooth 2.1 + EDR
Sierra wireless 3.5G data radio
High speed UMTS/HSDPA connectivity
(up to 3.6Mbps downlink)
Quad-Band GSM/GPRS/EDGE network access
Worldwide coverage with 2 versions
(850/1900 MHz, 900/2100 MHz)

Bluetooth
WWAN

Audio

Speaker

Mono speaker, 90dB at 10 cm distance.

Enclosure

Weight
Dimension

310g (With standard battery pack)
Approximately 170mm x 55mm x 30mm

Expansion Slot

Micro SD

Supprt SDHC up to 32GB

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	1.8 meter
Environmental Sealing	IP65

Software

Microsoft Visual Studio 2005 / 2008
Unitech Handheld terminal SDK

Accessories

Gungrip
Leather Case
Single Slot USB Cradle
4-Slot battery charger
2200mAh standard Battery
4000mAh Extension Battery
USB communication and charging cable
Power adaptor with universal plugs

Regulatory Approvals

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