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. Based 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. Combing 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
- 3D degree scanning tilt
- 802.11 a/b/g/n and Bluetooth 2.1 +EDR connectivity
- Expandable MicroSD memory card
- Gold plated non-rusting connector pins
- IP65 rated
- 1.8-meter / 6-foot drop threshold
## Specifications

### Communication
- **USB**: V2.0 Client, Host
- **WLAN**: CCXv4 certified Summit Radio 802.11 b/g/n, WEP, WPA, WPA2, WEP, RC4 Algorithm, TKIP, RC4 Algorithm, Rijndael Algorithm, Static (40-bit and 128-bit length), Pre-Shared (PSK), Dynamic EAP-FAST, EAP-TLS, EAP-TTLS, PEAP-GTC, Bluetooth 2.1 + EDR
- **WWAN**: 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)

### Audio
- **Speaker**: Mono speaker, 90dB at 10 cm distance.

### Enclosure
- **Weight**: 310g (with standard battery pack)
- **Dimension**: Approximately 170mm x 56mm x 30mm

### Expansion Slot
- **Micro SD**: Support 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 Adapter with Universal Plugs**

### Regulatory Approvals
- CE, NCC, FCC, BSMI, VCCI, CCC, RoHS compliance

### 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
- **2D Imager (optional)**
- **2D codes**: Aztec, Datamatrix, Maxicode, Micro PDF417, PDF417, QR Code, Composite CC-A/B, Composite CC-C, GS-128 (UCC/EAN), TCL39, UPC Composite Mode

### Power Source
- **Main Battery**: 8.14 Watt-Hour 3.7V @ 2200 mAH
- **Backup Battery**: 14.8 Watt-Hour 3.7V @ 4000mAH
- **backup capability over 72 hrs**

### Unitech America
- **Los Angeles, Houston**
  - http://us.ute.com
  - e-mail: info@us.ute.com
- **Canada**
  - http://can.ute.com
  - e-mail: info@can.ute.com
- **Mexico**
  - http://latam.ute.com
  - e-mail: info@latam.ute.com

### Unitech Asia Pacific & Pacific East
- **Taipei**
  - http://apac.ute.com
  - info@apac.ute.com
  - http://mideast.ute.com
  - info@mideast.ute.com
- **Unitech Japan**
  - Tokyo
  - http://jp.ute.com
  - e-mail: info@jp.ute.com

### Unitech Europe
- **Tilburg, Netherlands**
  - http://eu.ute.com
  - e-mail: info@eu.ute.com

### Unitech Greater China
- **Beijing, Shanghai, Guang Zhou, Xiamen**
  - http://cn.ute.com
  - info@cn.ute.com
- **Taipei**
  - http://tw.ute.com
  - info@tw.ute.com

### Headquarters
  - **Taipei, Taiwan**
  - http://www.ute.com
  - e-mail: info@hq.ute.com

---

Specifications subject to change without notice. Copyright 2012 Unitech Electronics Co., Ltd. All rights reserved. Unitech is a registered trademark of Unitech Electronics Co., Ltd. All product and company names are trademarks, service marks, or registered trademarks of their respective owners.