

unitech

HT680

Rugged Handheld Terminal



Unitech's new HT680 is a compact and aggressive rugged mobile computer ideally suited for manufacturing, retail, logistics and transportation. Designed for the toughest work environments, the HT680 gives you the reliability and flexibility needed to increase productivity and efficiency in all of your data collection applications.

Durable Design

The HT680 is built to last, protecting your investment and minimizing downtime. Compact and rugged, the HT680 is IP54 rated, safeguarding it from moisture and dust. The HT680 can withstand multiple 5-foot drops to concrete and includes gold plated non-rusting connector pins.

Maximize Productivity

The HT680 weighs less than a pound and is ergonomically designed for one-handed operation. The optional gun grip and 12 hour battery life makes the HT680 perfect for scan-intensive applications such as warehousing. Its 22 key backlit keypad makes data entry simple.

Mobile and Versatile

The HT680 comes with either a 1D laser or 2D imager smart scanner. Configuration and integration of the HT680 with other systems is fast and easy with its Microsoft Windows CE 5.0 Professional Plus operating system and Marvell PXA270 520MHz CPU. The HT680 is equipped with Bluetooth 2.0 and EDGE-GPRS connectivity as well as CCX4 WLAN roaming capability, making it perfect for mobile applications.

Main Features

- Microsoft Windows CE 5.0 Professional Plus
- Marvell PXA270 520MHz CPU
- Integrated 1D laser / 2D imager (optional) scan engine
- 30 degree scanning tilt
- EDGE-GPRS, 802.11 b/g and Bluetooth 2.0 connectivity
- Mini SD and SDHC memory card
- Gold plated non-rusting connector pins
- IP54 rated
- 1.5-Meter / 5-Foot drop threshold



Operation System

CPU Marvell PXA270 520MHz
 Memory SDRAM:128MB
 Flash ROM:512MB
 OS Micorsoft® Windows® CE 5.0

Display

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

Keypad

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

Indicator

LEDs, Vibrator

Symbologies

1D 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.

2D Imager (optional)

1D codes
 Australian Post, British Post, Canadian Post, Codabar, Code 11, Code128 Code 39, Code 93, EAN13, EAN8, IATA 2 of 5, ITF, ISBT, Japanese Post, Kix code(nl), Matrix 2 of 5, MSI, PLANet Code, Postnet, RSS expanded, RSS Limited, RSS14, UPC A, UPC E, UPC E1

2D codes

Aztec, Codablock F, Code 49, Datamatrix, EAN-UCC, Composite, Maxicode, Micro PDF417, PDF417, QR Code, Tcif Linked C39...More

Communication

USB USB 1.1 Host & Client
 WLAN IEEE 802.11b/g, CCX4 Compliant
 PAN Bluetooth 2.0 Class 2
 WWAN eGPRS
 *Quad-Band GSM 850/900/1800/1900 MHz
 *EDGE (e-GPRS) Multislot Class 10
 *GPRS Multislot Class 12
 *GSM Release 99

Audio

Speaker Mono speaker, 90db@ 10 cm distance

Expansion Slot

Mini SD support SDHC

Power Source

Main Battery Standard Pack Li-ion Battery 8.14 Watts
 3.7V@2200mAH
 (Optional) Double Pack Li-ion Battery
 16.28 Watts 3.7V@4000mAH
 Backup Battery backup capability over 72 hrs

Enclosure

Weight 320g
 Dimension Approximately 170mm x 55mm x 30mm

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 1.5 meter
 Environmental Sealing IP54

Software

Microsoft Visual Studio 2005
 Microsoft Windows Mobile 5.0 SDK for Pocket PC
 Unitech HT680 SDK
 Oracle Database Lite

Accessories

USB communication and charging cable
 AC adaptor (with regional power cord)
 *4000mAH Battery and battery door
 *Single Slot Desktop USB Cradle
 *Gungrip
 *Please check availability with Unitech regional office for availability

Regulatory Approvals

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



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