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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 6-foot drops to concrete and features gold plated non-rusting connector pins.

Maximum 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 is available with a 1D laser or 2D imager smart scanner. Configuration and integration of the HT680 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
- 1.8-meter / 6-foot drop threshold

SUMMIT
DATA COMMUNICATIONS

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HT680
Specifications

► Operation System

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

► 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 Barcode Engine (optional)
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.

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 expended, 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	8.14 Watt-Hour 3.7V@2200 mAH
	16.28 Watt- Hour 3.7V @4.400mAH
Backup Battery	backup capability over 72 hrs

► Enclosure

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

► Environmental

Operating temperature	-10℃ to 50℃
Storage temperature	-20℃ to 60℃
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.8 meter
Environmental Sealing	IP54

► Software

Microsoft Visual Studio 2005
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
 *Please check with Unitech regional office for availability

► Regulatory Approvals
CE, FCC, BSMI, VCCI, CCC, RoHS compliance

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