



HT510A

Rugged Handheld Terminal

Shift into high gear, with the Unitech HT510A Android mobile computer. With smart features to propel your warehouse, retail, and business environments, the HT510A is designed for mobile workers with one-handed data collection needs. It features an easy-to-operate, large-button design with barcode and RFID data collection to make the most of tasks. The HT510A runs on the Android operating system and has a wide range of wireless transmission interfaces, allowing enterprises to develop applications or connect to the back-end host to make the database easier, more immediate and more accurate.

User Friendly Android 7

The HT510A brings the versatility of the Android operating system to a rugged warehouse unit. This smart mobile computer features apps from the Play Store to optimize the efficacy of day-to-day work processes.

Easy Operation

Engineered to fit comfortably in the palms of hands, the HT510A has an easy, ergonomic grip offering easy push buttons even with gloves on.

Rugged

Tough work conditions call for a tough device. Trust in the HT510A to show a strong front with 5-foot drop ratings and an IP65 protection seal against dirt, dust, and water.

Full Color Touch Screen

Users can take advantage of both physical keypad and capacitive touch screen for their needs. The HT510A helps businesses work seamlessly with desktop-grade full color screens.

Applications & Markets

The HT510A is high-performance tool for small to medium-sized warehouse environments but also plays well with retail, asset management, and inventory applications.

Main Features:

- Android 7 operating system
- Large keyboard design
- 1.4GHz Quad-Core processor
- Integrated 2D barcode scanner
- 3.5" VGA capacitive color touch screen
- 5 MP rear camera (flash and auto focus)
- Dual band antenna connectivity (WLAN/WWAN)
- IP65 rated
- 5-foot drop rated



ANDROID

System

CPU	Qualcomm® Quad Core 1.45GHz
Memory	2GB RAM 16 GB ROM
OS	Android 7.0
Languages	Multi-language

Display

3.5" VGA (480x 640) Capacitive color touch screen; With screen backlight adjustment

Keypad

32 keys; large number keys, functions and direction keys

Symbologies

1D	UPC/EAN POST, Code 128, Code 39, Code 93, Code 11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, MSI, RSSI...
2D	Aztec Code, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 39, Code 93, Data Matrix, EAN/JAN-13, EAN/JAN 8, EAN-UCC Composite Codes, EAN-UCC Emulation, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MaxiCode, MicroPDF417, MSI, PDF417, Postal Codes (Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet), Plessey Code, PosiCode, QR Code, RSS Expanded, RSS Limite TCIF Linked UPC-E...
RFID	Protocol : EPC global Class 1 Gen 2 ISO 18000-6C/6B Antenna gain : 3dbi Output Power : 1-30dbm adjustable Data Capture Range : 6~8 meters

Power Source

Main battery	Main battery 3.8V 4500mAh
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Audio

Microphone, speaker and headphone jack

Enclosure

Weight	13.5 oz (395 g)
Dimensions	7.5" x 2.9" x 1.1" (192 mm x 73.8 mm x 30 mm)

Environmental

Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 158°F (-20°C to 70°C)
Charging temperature	0°C to 40°C
Relative humidity	5% ~ 95% (non-condensing)
Drop rating	5 feet (1.5 M)
Environmental seal	IP65

Communication

Camera and flash/light	5MP rear camera with flash and auto-focus
External storage	MicroSD (Max 64GB)
USB	USB ; Mini USB & POGO pin
WLAN	IEEE 802.11a/b/g/n/ac
WWAN	4G LTE TDD-LTD(B38, B39, B40, B41) 4G LTE FDD-LTD(B1, B3, B5, B7, B8) UMTS/HSDPA/HSPA/HSPA+(B1/B2/B5/B8) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) TD-SCDMA Band 34,39 GSM/EDGE/GPRS (850,900,1800,1900MHz)

Developer Tool

Android Studio

Regulatory Approvals

NCC, BSMI

Accessories

USB cradle, USB data cable, 4 slots battery charger, battery, leather case, touch pen, grip



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