

SMART WAREHOUSING WITH THE UNITECH HT510A



HT510A Rugged Handheld Terminal

Stay on task and on budget with the HT510A. A straightforward design and simple, large-button display provides ease of use whether working indoors or outdoors. Perform operations and scan effortlessly with its 2D barcode scanner using one hand.

An Android 7 OS, IP65 seal against dirt, dust, and water, and a 5-foot drop rating makes the HT510A as functional as it is durable. This lightweight, ergonomic device fits comfortably in hands and is made for all day use.

A full-color capacitive touch screen along with multiple ways to connect such as WiFi, optional long range UHF, Bluetooth, and 4G LTE provides businesses flexibility and cross-functional convenience.

The HT510A is ideal for warehousing, retail, inventory, and event ticketing applications.

Main Features:

- Android 7 operating system
- Large keypad, one-handed operation
- 4G LTE for AT&T and T-Mobile
- 1D/2D dual barcode scanner
- Optional barcode scanning engine
- UHF long range RFID
- 2 GB RAM/16GB ROM
- IP65 rated



AT&T

T-Mobile



ANDROID

unitech

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SPECIFICATIONS

System

CPU Qualcomm® Quad Core 1.45GHz
Memory 2GB RAM

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,

RFID 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...
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 3.8V 4500mAh

Audio

Microphone, speaker and headphone jack

Enclosure

Weight 13.5 oz (385 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

Developer Tool

Android Studio



Android 7 OS

Don't let a slow OS hold you back. The HT510A is equipped with Android 7 for fast web browsing.



32-Key Physical Keyboard

An easily readable screen and keypad ensures you punch in the right commands.



Integrated Barcode Scanner

An aggressive scan engine capable of reading 1D and 2D barcodes shortens and optimizes scanning.



Rugged Design

The HT510A is protected against environmental elements with an IP65 seal and falls with a 5-ft drop rating.

Communication

Camera and flashlight
External storage
USB
WLAN
WWAN

5MP rear camera with flash and auto-focus
MicroSD (Max 64GB)
USB ; Mini USB & POGO pin
IEEE 802.11a/b/g/n/ac
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 BCO (800MHz)
TD-SCDMA Band 34,39
GSM/EDGE/GPRS
(850,900,1800,1900MHz)

Regulatory Approvals

NCC, BSMI

Accessories

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

WAREHOUSE
THE RIGHT
WAY

WARRANTY COVERAGE

As your global technology partner, Unitech is committed to your success and satisfaction throughout the lifetime of the project.

While we take pride in delivering quality products, we understand that inclusive coverage is a key component to a total solution.



COMPREHENSIVE COVERAGE

Unitech provides bumper-to-bumper coverage for your mobile devices. Unitech products are designed for rugged use; however, constant wear and tear will result in maintenance and repair.

Abuse or occasional mishaps are to be expected. The Unitech protection program covers device defects, failures, and batteries, as well as accidental damage to the scanner's outer housing and internal components. The only thing not covered is damage sustained from fire or water submersion.

Our comprehensive coverage provides a worry-free service solution while helping you manage costs and minimize total cost of ownership. Eliminate the incidental out-of-warranty repairs that negatively impact operating budgets, and enjoy complete coverage at a fixed cost.

EXPEDITED REPAIR

Unitech Protection Plus offers 48-hour in depot turnaround to minimize downtime and keep critical systems up and running.

Should a problem arise with any supported hardware, Unitech will repair or replace the device within the committed window on your service level agreement, and provide free return shipping via FedEx 2-Day (excluding Canada) or 5-Day delivery to anywhere in North America.

Unitech also provides a complete diagnostic on all serviced devices. We don't simply address necessary repairs, we conduct a total device check-up: all equipment is thoroughly cleaned, worn components are replaced and the unit is restored to factory standards.

Coverage	Standard Warranty	Comprehensive Warranty
Manufacturer defects	•	•
Covers normal wear and use		•
Covers accidental breakage		•
Includes all materials, parts, and labor	•	•
Multi-year discount		•
48 hour repair turnaround (Free 2-Day Return Shipping) (Excluding Canada)		•
5-day repair turnaround (Free Ground Return Shipping)	•	•
Covers cables, power supplies, and batteries	•	•

HT510A ACCESSORIES

The HT510A runs more efficiently with tools and accessories to optimize performance and save you time.

Ruggedized and sturdy, Unitech accessories are as rigorously tested as our devices. Stock up on battery chargers for faster power ups, gun grips, and extra USB cables for charging on-the-go.



HT510-YA61UMYG

HT510, 2D, UHF, Android 7.0, WiFi, BT, Camera, GPS, NFC



5500-510001G

HT510 Gun grip



5100-510001G

HT510 4 Slot Battery Charger



1400-510001G

HT510 Battery
(4500mAh / 3.8V)



1010-300001G

Power adapter



1550-600001G

USB cable

UNITECH SOFTWARE

PAIR YOUR UNITECH DEVICES WITH UNITECH SOFTWARE FOR SEAMLESS DEVICE OPERATION. WE OFFER AN ARRAY OF APPS TO POWER YOUR MOBILE COMPUTERS AND TABLETS LIKE MOBILE DEVICE MANAGEMENT, DEVICE STAGING TOOLS, OR FUNCTIONS LIKE ADDING PROGRAMMABLE KEYS, ADDING AN ON SCREEN SCANNER BUTTON TO YOUR DEVICE SCREEN, OR LOGGING DEVICE ACTIVITY.



Easily sync, update, and monitor your Unitech mobile computers.

Control your Unitech devices with one software program. Turn off, restart, update, and monitor devices from your desktop. Easily deactivate lost or stolen device.



Configure multiple devices simply on one smart platform.

Configure multiple Unitech devices at the same time. Just enter your desired settings, scan the program's generated barcodes, and go! Save time and costly errors by avoiding manually configuring and setting up devices one by one.



Lock, install, and run the applications needed for your Unitech device.

With eLauncher software, users can lock selected apps, restricting access to only the programs needed. Users can also install and run specified programs on startup.



Let your Unitech device find the best WiFi signal near you.

Never fear dropped signals with uRoam. Set up your Unitech device to pick the strongest WiFi signal in your area with this helpful application. Browse the Internet and use WiFi accessible applications anywhere.