HT730

4" Rugged Handheld Terminal

android

20 m reading distance | 2X2 MU-MIMO WLAN | 6700mAh hot swap battery | IP67 protect & 2.4 m Drop

Ergonomic One-Hand Operation with Large Keypad

Featuring a 4-inch display and 400nits brightness, the HT730 provides users to check feedback of the scanned information and easy viewing in outdoor environment. It comes with a large-size 38-key keypad as well as dual scanning buttons for instinctive data entry and barcode capturing that enables the users to carry out inventory checks and maintain accuracy easily. Moreover, equipped with special silicon materials and backlight design, it provides the reliability to 2.5 million lifetime clicks for long term abrasion protection.

Superior Imaging Technology

Ideal for tasks that require heavy scanning, the HT730 is built-in a powerful megapixel 2D scanning engine with a wide variety of 30 degree scanning tilt down design. The deice supports full barcode symbologies including 1D, 2D, Dot Code and OCR as well as boosts your scanning performance at a speed of 60fps. It also delivers motion tolerance of up to 5m/s, the HT730 increases the operational effectiveness even while moving.

Boost Wireless Communication Performance

The HT730 supports 2x2 MU-MIMO antennas that boost the wireless performance. Built in 4G dual-SIM slots, it provides double signal coverage and real-time communications even in different countries. Furthermore, it has a 13MP camera that gives an easy way to proof of delivery or shipment issues.

No Downtime with True Hot-Swap Battery

Featuring how-swap technology, the HT730 allows batteries to be swapped without interrupting within 1 minute. With a long-lasting 6700 removable battery, the HT730 allows continuous use for 20-26 hours operation and it is easily replaced whiles running out of power seamlessly.

Ultra-Durable & Flexibility Accessories

Design for harsh environments, HT730 features ultra-durable design to withstand 1.8m / 2.4m (with bumper) drop to concrete and IP65 / IP67 environmental seal against water and dust. Moreover, the HT730 offers options including a rugged gun grip, a rugged UHF RFID long-range reader, and even a rugged extra-long-range barcode scan engine that enhances the ease of use and increases staff comfort for inventory tracking and taking solutions.

Features

- Android 10 OS with GMS certified
- Superior 2D scanning performance: Support 30-degree scanning tilt down
- Durable keypad: 38-key / 29-key with 2.5 million lifetime clicks and backlight design
- Ergonomic one-handed operation
- Support Bluetooth® 5.1
- Support IEEE 802.11a/b/g/n/d/h/i/k/r/v/ac/ax ready (8ss and TWT), 802.11ac Wave 2 with 2X2 MU-MIMO WLAN Standard
- 6700mAh battery for 20-26 hours operation
- True Hot-swap battery design without downtime
- 1.8 m drop-resistant housing (2.4 m with bumper)
- IP65/IP67 protection against water and dust
- Support MDM Software Solutions and utilities such as MoboLink, StageGO, and Ivanti Wavelink

unitech

38 Kerys / 29 Keys

Operation System

OS	Android 10
GMS certified	YES
CPU	Qcta-core 2.3 GHz, Qualcomm 720G (SM7125)
Memory	4GB RAM / 64GB Flash
Languages support	Multi-languages
AI	5th Gen Qualcomm AI Engine

Display

Screen Size	4"TFT-LCD WVGA (480x800) color screen (400 nits)
Touchpanel	Ultra-sensitive capacitive touch screen, compatible with gloves and support wet resistance

Keypad

Numeric (29 keys)/ Function Numeric (38 keys) with backlight

Camera

Rear 13 MP Autofocus with flash

Indicator

LED, Speaker, Vibrator

Symbologies

1D	UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Matrix 2 of 5, MSI, Trioptic
2D	PDF417, MicroPDF417, GS1 Composite , Code11, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code, DOT Code

Postal : Intelligent Mail Barcode, Postal-4i, Australian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code

OCR : OCR-A, OCR-B, E13B (MICR)

Enclosure

Dimensions	195 mm x 72 mm x 34 mm
Weight	395g(with battery)

Power Source

Main battery	Main battery 3.7V 6700mAh
Hot Swap Battery	Keeps applications active up to 1 minute

Regulatory Approvals

CE, FCC, NCC, IC, VCCI, TELEC, CCC, SRRC, RoHS, CEC, BQB, GMS, N-Mark

RFID

HF	Support HF/NFC
	Frequency 13.56Mhz
	Support: ISO14443A/B, ISO15693 standard

Communication

Bluetooth®	Bluetooth® 5.1
WLAN	IEEE 802.11a/b/g/n/d/h/i/k/r/v/ac/ax ready (8ss and TWT), 802.11ac Wave 2 (Dual Antenna, 2X2 MU-MIMO support)
WWAN	LTE Advanced Support Up to CAT4 LTE downlink 300Mbps/uplink 100Mbps
	LTE (FDD) – Bands 1, 2, 3, 4, 5, 7, 8, 17, 20, 28
	LTE (TDD) – Bands 38, 39, 40, 41
	UMTS/HSPA+ (3G) – Bands 1, 2, 5, 8
	GSM/GPRS/EDGE Quad-Band (850/900/1800/1900 MHz)
GPS	GPS, GLONASS, Galileo, BeiDou
Sensors	Gyroscope, G-sensor, E-compass, Light & Proximity Sensor

I/O Interfaces

USB	USB 3.1 (type-C) support USB OTG Support Display Port Mode Ethernet/USB-Host via cradle
OTG	Yes, over USB Type-C
POGO PIN	Custom IO connector (include USB Host)
SIM Slot	Nano SIM Slot x 2
Expansion Slot	Micro SD/TF x 1(Support SD, SDHC and SDXC) up to 256GB
Audio	2W output ,105 dB at 10cm, Dual-Microphone, support noise cancellation

Durability

Drop Specification	1.8 m / 2.4 m(with Bumper)
Sealing	IP65 / IP67

Environmental

Operating Temperature	-20°C to +50°C
Storage Temperature	- 30°C to 70°C (without battery)
Charging Temperature	0°C to 45°C
Relative Humidity	5% ~ 95% (non-condensing)

Software

SOTI, Ivanti Wavelink, AirWatch, 42Gears, and MoboLink

Accessories

USB Type C cable	4-Slot battery charger
Single Slot Charging cradle	Hand strap
Single Slot Ethernet cradle with USB host	Glass Screen Protector
4-Slot Charging cradle	
4-Slot Ethernet cradle	

unitech

HT730
Software Solution

Development Tools

unitech SDK

Device Management

SOTI
42GEARS
vmware®
ivanti | Wavelink

Staging and Management

MoboLink
Android Enterprise ready EMM for monitoring device health and managing apps, configs and files.

StageGO
Barcode-based device staging utility offering hundreds of script commands for you to work with.

OEMConfig
If you are using a third party EMM, OEMConfig will allow those EMM solutions to configure unitech specific settings on the device.

Enterprise Launcher
Secure your devices by kiosking them with Enterprise Launcher. Block access to the Android system and only allow limited number of apps to be run.

Battery info
Monitor advanced Battery health and manage the battery replacement cycle. Use with MoboLink to get real-time attery health alerts delivered to your phone.

Software Update
Check and install software updates online.
To let a device always stay up-to-date, setup the device to automatically check and install for updates on boot up.

System Update Center
Check and install firmware updates via FOTA. You can update the firmware via online FOTA server, or by using a OTA ZIP file placed in the internal storage.

App Update Center
APKs install with App Update Center can remain intact even after factory reset.

Productivity and Utilities

File Manager
Manage files and folders on all the internal and external storage options

UNote
A simple text viewer and editor for use in your work flows.

Startup
Auto-run apps when device boots up.

KeyRemap
Reprogram physical buttons to act as another key or to launch an app.

Ivanti Velocity
Android Terminal Emulator from Ivanti giving your workers the right tools to be more productive.

NTP Server Settings
Customize the NTP server setting to keep your device date and time synchronized.

WLAN Advanced
Configure advanced WiFi parameters.