



PA760 Omni-Channel PDA

Enterprise level, rugged exterior, powerful interior

5.5"
5.5" Vivid Colour LCD

Android 9.0
GMS

CPU
X8 Core

unitech

Limitless
POGO
scalability

RAM
4 GB RAM

4000 mAh
mono-battery

1D/2D
Imager

Accessories

Gun Grip / UHF / Extra LR 2D imager

4-slot charging/ ethernet cradle

Charging/ Ethernet Cradle

Extended 6000 mAh battery

Dependable - The PA760 is designed and developed to help you go further and above the competition!

Offering the latest OS of Android 9, a robust processor, and a rugged scanner, the PA760 also comes with the Google GMS license, makes your toughest work days easier. It is ideal for a variety of applications including inventory control in warehouse, inbound and outbound management in the retail industry, parking management and facilities inspection in field service, and flight ticket checking and mobile POS system in transportations.



PA760

v1.0 Specifications



Wide-angle and high bright LCD

The 5.5" high brightness sunlight readable LCD display (18:9) with High Resolution makes the PA760 extremely well readable in any environment - 500 nits display with direct bonding



Extreme durability

Easy hot-swap battery design without downtime. The 4200 mAh capacity mono battery (cover and battery as one) for quick swap to keep stay as efficient as possible. Lose little time charging because the PA760 is fully charged within 3 hours thanks to QC3.0.



Industrial strength exterior

The Unitech PA760 is fitted with a drop resistant (1.5m) and IP67 rated body to withstand the most rugged environments out there.



Scalability and Extensibility

Thanks to POGO pins on rear- and bottom side, the PA760 has limitless scalability options for future accessories such as gun grips and docking stations.

Operation System

CPU	Qualcomm 660 Octa-core 2.2 GHz Processor
Memory	RAM: 4GB, ROM: 64GB
OS	Android 9.0 with GMS (Global and EU compatible through R)
SIM	Nano-SIM X 2
Card Slot	MicroSD (up to 128GB) + Dual Nano-SIM
Language Support	Multiple Languages supported

Display

Gorilla Glass 3 with 5-point Capacitive Touch Panel 5.45" (18:9)
Color LCD 1440x720 High Resolution Display 500 cd/m2 Brightness

Camera/Photos/Video

Front: 5MP camera / Rear: 16MP camera / PDAF (Phase Detection Auto Focus) / LED flash light

Indicator

LED, speaker and vibration

Communication

Bluetooth® Interface	Bluetooth® 5 supported USB 2.0 Type-C USB (Host / Client) with I/O pogo pin expansion
USB	USB OTG Type C Connector for PC/USB drive POGO PIN connector for Cradle
WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v, IPv4, IPv6 Security of WLAN: WEP, WPA/WPA2 PSK, 802.1x EAP, OWWE, SAE
MIMO FAST ROAMING WWAN	MIMO(2x2) PMKID caching, 802.11r, OKC Support VoLTE, LTE Advanced Support Up to 400 Mbps CAT4 LTE downlink/uplink LTE (FDD) – B1/B2/B3/B4/B5/B7/B8/B17/B20/B28 LTE (TDD) – B38/B39/B41 UMTS/HSPA+ (3G) – B1/B2/B5/B8 GSM/GPRS/EDGE Quad-Band (850/900/1800/1900MHz) *Support Dual Nano SIM Slot
GPS Others	GPS/GLONASS/Gallileo/Beidou and A-GPS Support NFC, fingerprint
Sensor	Acceleration, Motion, Light, E-compass, G-sensor, Light & Proximity Sensor
Vibration	Ref. to MIL-STD 810G, Method 514.6, Procedure I, 0,04G2/Hz Random (20Hz to 2kHz); 60 minutes duration per axis, 3 axis

Software Support



SOTI TeamViewer airwatch

Buttons

Side SCAN button x 2 (Left / Right), Power button, User-defined function button (programmable key), Volume switch button (+ / -), ON / OFF button. Three touch key on touch panel(back/home/recent)

Data capture

Scanning	Honeywell N6603 engine. 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, Digimarc, DPM Postal : Intelligent Mail Barcode, Postal-4i, Australian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code OCR : OCR-A, OCR-B, E13B (MICR)
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RFID/NFC	Frequency 13.56Mhz (NXP PN553) ISO 14443 type A and B; FeliCa/Mifare and ISO 15693 standard
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Power Source

Main battery	Hot-swap battery standard 4000mAh / battery with cover in one piece / extended 6000mAh / battery with cover in one piece (optional)
Backup battery	Warm swap battery - Keeps applications active up to 3 minute
Operation	Typical operation Time >10 hours
Charging time	<3 hours (supports QC4.0 quick charge)

Audio

Speaker 1 W output ,95 dB at 10cm, Microphone*22, noise cancellation, PPT headset support, cellular circuit switch voice

Enclosure

Weight	300g (with standard battery)
Dimension	163 mm x 75 mm x 17.4 mm

Environmental

Operating temperature	-20°C to 50°C
Storage temperature	-30°C to 60°C
Relative Humidity	5% ~ 95% (Non-Condensing)
Drop test to Concrete	1.5 meter without bumper 1.8 meter with bumper
Environmental Sealing	IP67
ESD	8K / 15KV
Tumble	0.5m tumbles for 300 cycles and 600 drops

Accessories

Hand Strap	4-Slot Ethernet cradle
Adapter (US, EU, UK plugs)	4-Slot Terminal Charging cradle
USB type C cable	4-Slot battery charger
Tray Ejector tool	Gun Grip for trigger only
Bumper (by model selection)	Gun Grip for UHF reader
9H glass screen protector	Stylus & Coiled strap
Terminal charging cradle	
Single and 4-slots ethernet cradle with USB host	
Gun Grip for extra Long range 2D Barcode reader	
Gun Grip for UHF reading	

Regulatory Approvals

CE, RoHS, RED, FCC, NCC, BSMI, CCC, VCCI, CEC, BQB, GMS, N-Mark compliance.

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