EA630HC - Rugged Healthcare Smartphone

Ethanol safe | ISO11737-1 & ISO11737-2 certified | Large screen to body ratio

The Unitech EA630HC rugged smartphone is especially designed for environments following high hygienic regulations. This device meets the Ethanol safe standards ISO11737-1/-2 to withstand repeated cleaning and disinfection. Stylish and intuitive along with an integrated high-performance 1D/2D barcode scanner, healthcare workers may use this device to manage patient data and electronic medication records.

Powerful and Large screen to body ratio
The EA360HC comes with Android 10, Google GMS license and AER certification. In addition this device features an impressive 6" HD 18:9 high brightness readable (450 nits) display, 80% screen to body ratio design and snappy Qualcomm Snapdragon 636 Octa-core 64-bits 1.8 GHz processor.

Data collection
The EA630 has integrated 1D/2D scanning capability, as well as an integrated HF/NFC RFID reader/writer, GPS, and a high-resolution 16MP camera. In addition it supports Dual band fast roaming Wi-Fi and 4G connectivity.

Long-lasting battery life
The large 4000mah battery capacity frees you from the concern of battery draining during your working day. This battery is designed to have up to 16 hours operating time.

Lightweight and durable protection
The EA630 only weights 230g, but is fitted with a Gorilla® 6 Glass touch panel, has a drop resistance of 1.2m (1.5m with optional boot case) and an IP65 rated body to withstand the harshest environments.

Features
- Android 10 with GMS & AER Certification
- 6" color display (2160 x 1080, 450nits)
- Following Ethanol safe standards ISO11737-1/-2 to withstand repeated cleaning and disinfecting
- 6-inch rugged smartphone with a screen-to-body ratio of over 80%
- All-In-One functionality: 2D Imager, HF/NFC and 16MP camera
- Rugged: Corning® Gorilla® Glass 6 touch display, IP65 rated, and 1.2M drop (1.5M with boot case)
- Long-lasting removable 4000mAh battery (Up to 16 hours working time)
- Supports Bluetooth® 5 / dual-band WLAN, fast roaming / 4G LTE
- Supports Unitech Orchestra Mobility Solutions & Unitech Utilities
- Supports MDM Software Solutions: MoboLink, SOTI, AirWatch and Ivanti Wavelink

Specifications are subjected to change without notice.

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Operation System

OS	Android 10
	GMS (Google Mobile Service) certification & AER (Android Enterprise Recommended)
CPU	1.8GHz, Qualcomm® Snapdragon™ 636, 64bits Octa-core Processor
Memory	3 GB RAM / 32 GB Flash
Languages support	Multi-languages
	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean.

Display

Screen Size	6'', 18:9 Full-HD (2160 x 1080) color screen (450nits)
Touch panel	Gorilla® 6 Glass with 5-point Capacitive Touch Panel, compatible with gloves and supports wet resistance

Buttons / Keypad

Programmable key, Volume up/down key, Left/right scan key, Power key

Indicator

LED, Speaker, Vibrator

Symbologies

Engine:	N3603 imager
1D Barcodes	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 Barcodes	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)

RFID

UHF	Optional accessory: RG630 UHF/RFID gun grip (black housing).
HF	Support HF/NFC
	Frequency 13.56Mhz
	Support: ISO14443A/B, ISO15693 standard

Camera

16 MP Rear and Flash Light

Audio

One speaker (95±3dB @ 10cm), One receiver, Dual noise-cancelling microphones.

Communication

USB	USB 3.1 (type-C) support USB OTG (support quick charge and display port alternate mode)
Bluetooth®	Bluetooth® 5
WLAN	Wireless LAN 802.11a/b/g/n/ac, 2.4GHz and 5GHz
	Support 802.11d/e/h/i/k/r/v, fast roaming
	Compliant with WEP, WPA and IEEE 802.11i WPA2
WWAN	GSM: 850,900,1800,1900 MHz
	WCDMA: Band 1, Band 2, Band 5, Band 8
	LTE: FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28)
	TDD-LTE (B38/B39/B40/B41)
GPS	AGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS
Sensors	Gyroscope, Light sensor, e-Compress, Proximity sensor, Accelerometer sensor
SIM Slot	2x Nano SIM Slot
Expansion Slot	MicroSD, up to 256 GB

Power Source

Main Battery	3.85V, 4000mAH Li-polymer battery

User Environment

Operating Temp.	-10 ~ 50°C
Storage Temp.	-30 ~ 70°C (without battery)
Humidity	10% ~ 90% (non-condensing)
Drop Specification	1.2m MIL-STD 810G, 1.5m with boot case
Sealing	IP65

Enclosure:

Dimension	157mm x 76.4mm x 13.9mm
Weight	230g
Ethanol safe Housing	Ethanol safe standards ISO11737-1/-2

Regulatory Approvals

CE, FCC, NCC, BSMI, VCCI, TELEC, CCC, SRRC, RoHS, CEC, BQB, N-Mark compliance.
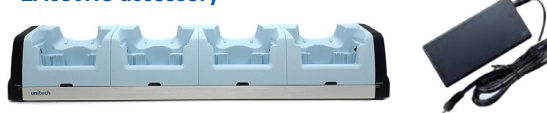
Software

Unitech Orchestra Mobility Solution, MoboLink, SOTI, AirWatch and Ivanti Wavelink.

ORCHESTRA
UNITECH MOBILITY SOLUTIONS

With Unitech Mobility Orchestra we bring four key elements together to turn a standard device into an enterprise managed work tool that composes of: 12Solutions, StageGo, UnitCare and MoboLink. Facilitate the management of your hardware investment with MoboLink Visibility or Standard version.

EA630HC accessory

4-slot charging cradle, light blue with Ethanol safe agent housing (ISO11737-1 & ISO11737-2) including power supply. Optional accassory: 3 pins power cord EU or UK. SKU: 5000-900084G

Hand strap (white/blue) - This hands strap is specially designed to match the EA630HC color. SKU: 5400-900039G is without Ethanol safe agent housing, but comes with mounting set: 1x arm/bracket and 2x screws.

General accessories for the EA630 line - Compatible with EA630HC model.

- USB 3.0 type-C cable
- Quick charge adaptor via USB type-C cable
- Hand strap (black)
- Boot case
- 9H glass screen protector
- Battery 3.85V 4000mAh
- Single Slot Charging Cradle
- Single Slot USB Cradle
- Single Slot Ethernet Cradle
- Adaptor with plugs for 1-slot cradle
- Standard gun grip
- RG630 UHF gun grip
- 2D long-range gun grip