



## 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 EA630HC 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
- 3.1" color display (800x480, 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-Compass, 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, QQB, N-Mark compliance.

➤ **Software**

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



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 accessory: 3 pins power cord EU or UK. **SKU: 5000-900084G**



**Hand strap (white/blue)** - This hand 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

**Unitech Europe**