EA630HC

Healthcare Rugged Smartphone

Equipped stylish compact size, unitech EA630HC rugged smartphone is specially to be used friendly in healthcare environments following high hygienic regulations. The EA630 is not only built with high-performance 1D/2D barcode scanner, but possess durable functions and can operate with gloves and wet fingers that increases efficiency and patient safety for seamless Point of Care.

Healthcare Rugged Smartphone

For the healthcare organizations, workers on the front lines need the safety tool to support them to deliver efficient service with best care. The EA630HC healthcare rugged smartphone enables nursing staff to move freely and easily to manage patient data and electronic medication records. Following the hygienic guidelines for data collection and cleanliness, the EA630HC has ability to withstand repeated cleaning and disinfecting that can prevent the spread of germs and viruses. It delivers the better protection for front line workers and streamlines the work process in patient identification, treatment verification, and asset tracking.

All-In-One functionality

Running on Android 10 OS, the EA630HC is a GMS & AER Certified device that ensures users experience the best reliability and performance. With its advanced 2D barcode scanner, the EA630HC enhances the visibility to capture most 1D / 2D barcodes even in low light or bright light environments, as well as an integrated HF/NFC RFID reader/writer, GPS localization, and a high-resolution 16MP camera in a compact device. Featuring Bluetooth® 5, WiFi dual bands with fast roaming and 4G connectivity, the EA630HC is an excellent mobility device with seamless connections.

Enhance Durable Protection for Best Customer Experience

Featuring a 6-inch 18:9 display, Corning Gorilla Glass 6 as offering 80% screen to body ratio, the EA630HC is designed with durable protection for screen from damages and scratches along with the 450nits brightness for easy viewing in outdoor environment. The EA630HC rugged smartphone is durable enough to drop from 1.5 meters (with boot case) onto concrete and available to survive through harsh environments with its IP65 waterproof and dustproof rating.

Long-lasting Battery Life

The EA630's powerful 4000mAh battery is designed to have up to 16 hours operating time, giving you the flexibility to work through the day. Moreover, it also supports MDM software solutions and utilities such as Airwatch, SOTI, and MoboLink that gives users to get connected in the way that is best suitable their requests.

Features

- 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%
- Android 10 OS with GMS & AER Certification
- 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)
- Support Bluetooth® 5 / dual-band WLAN, fast roaming / 4G LTE
- Support MDM Software Solutions and utilities such as AirWatch, SOTI, and MoboLink.

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EA630HC
Specifications

Operation System

OS	Android 10 with 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	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages
Others	Input Chinese/ English Supports handwriting and soft keyboard

Display

Screen Size	6″, 18:9 Full-HD (2160 x 1080) color screen (450nits)
Touchpanel	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 Type

LED, Speaker, Vibrator

Symbologies

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	UHF gun grip (RG630)
HF	Support HF/NFC
	Frequency 13.56Mhz
	Support: ISO14443A/B, ISO15693 standard

Power Source

Main Battery	3.85V, 4000mAH Li-polymer battery

Regulatory Approvals

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

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Communication

Camera	16 MP Rear and Flash Light
Bluetooth®	Bluetooth® 5 supported
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)
	Dual nano SIM Slot
GPS	AGPS, GPS, GLONASS, Beidou, Galileo, QZSS, SBAS
Sensors	Gyroscope, Light sensor, e-Compress, Proximity sensor, Accelerometer sensor

I/O Interfaces

USB	USB 3.1 (type-C) support USB OTG (support quick charge and display port alternate mode)
SIM Slot	Nano SIM Slot x 2
Expansion Slot	MicroSD, up to 256 GB
Audio	One speaker (95±3dB @ 10cm), One receiver , Dual noise-cancelling microphones

Enclosure

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

Environmental

Operating temperature	-10°C to 50°C
Storage temperature	- 30°C to 70°C (without battery)
Relative Humidity	10% ~ 90% (Non-Condensing)
Drop test to Concrete	1.2m MIL-STD 810G, 1.5m with boot case
Environmental Sealing	IP65

Software

MDM Software	SOTI, AirWatch and MoboLink

Accessories

USB 3.0 type-C cable
Quick charge adaptor via USB type-C cable
Hand strap
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

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