

EA630 Plus

Rugged Smartphone

2D Barcode Scanner with Laser Aimer | 6" Gorilla Glass Display | Android 11 with 4G/64G memory

The unitech EA630Plus continues progressing with an advanced Android11 system to optimize high-performance 2D barcode experience, accelerating and improving labor productivity tremendously than ever. The full touch 6" Gorilla screen offers clear visibility up to 80% screen-to-body ratio. A bigger 4G/64G mobile storage mitigates the possibility of data missed. The Ultra Slim Rugged Smartphone drives up stock management more efficiently in the retail, hospitality, and health service industries.

Latest Android 11 OS on Large Screen

Operated under Android 11 OS with GMS Certified, the EA630 Plus rugged smartphone has a 6-inch 18:9 display offering 80% screen-to-body ratio. The 450nits brightness provides easy viewability even in sunlight environment.

A Data Collector for All Your Need

EA630 Plus not only fulfills superior 1D/2D scanning performance but surpass end-user expectations. A wide series of practical features, including an NFC reader/writer, GPS, and a high-resolution 5MP front and 16MP rear camera, further strengthen traceability and functionality in a compact device. Attach and ready-to-use. With the unique UHF RFID gun grip, EA630 Plus allows users to add values much simpler.

Stay Connected with Lasting Battery life

Featuring the fastest data speeds with fast roaming function on dual bands WLAN, 4G LTE connectivity and Bluetooth® 5, the EA630 Plus bridges the gap between associates to ensure instant message and alerts are received within teams. With a long-lasting 4000mAh removable smart battery, the EA630 Plus offers continuous use for hours and it is easily replaced.

Durable design and flexible Options

EA630 Plus enhances the industrial durable protection with features including IP65 dustproof, waterproof, and 1.2 meters resistance to fall protection. (1.5 meters with boot case)
It has various accessories such as RFID gun grip and cradles and also supports unitech software solutions, SDKs, MoboLink, and 3rd party MDM solutions such as VMware AirWatch, SOTI, Ivanti Wavelink.

Features

- 6 inch rugged smartphone with a screen-to-body ratio of over 80%
- Android 11 OS with GMS Certification
- All-In-One functionality: 2D Imager, NFC, 5MP front camera, and 16MP rear camera
- Rugged: Corning® Gorilla® Glass 5 touch display, IP65 rated, and 1.2M drop (1.5M with boot case)
- Long-lasting removable 4000mAh smart battery
- Dual bands WLAN with fast roaming / 4G LTE / Bluetooth® 5
- Support unitech software solutions, SDKs, MoboLink, and MDM solutions

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EA630 Plus
Specifications



System Features

OS	Android 11
GMS certified	GMS certified
CPU	2GHz, Qualcomm® Snapdragon™ 662 64bits Octa-core Processor
Memory	4 GB RAM / 64 GB Flash
Languages support	Multiple languages

Display

Capacitive type 5 points multi-touch touch panel with Gorilla® 5 Glass
6", 18:9 Full-HD (2160 x 1080) color screen (450nits)

Buttons / Keypad

5 keys- Programmable function button; dual dedicated scan buttons; volume up/down buttons; on/off button

Indicator Type

LED, Speaker, Vibrator

I/O Interfaces

USB	USB 3.1 (type-C) support USB OTG Support Ethernet/USB-Host via cradle
SIM Slot	Dual nano SIM Slot
Expansion Slot	MicroSD, up to 256 GB
POGO PIN	PogoPin backside: Support Gun-grip, UHF reader PogoPin bottom: Charging via cradle

Audio

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

Power Source

Main Battery 3.85V, 4000mAH Li-polymer battery

Regulatory Approvals

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

Communication

Camera	5MP front camera 16 MP Rear with auto-focus function 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)
GPS	AGPS, GPS, GLONASS, Beidou, Galileo
RFID/HF	Support HF/NFC Frequency 13.56Mhz Support: ISO14443A/B, ISO15693, Mifare, Felica(ISO/IEC18092) compliance
Sensor	Gyroscope, Light sensor, e-Compass, Proximity sensor, Accelerometer sensor

Symbologies

1D Barcodes	UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 11, Code 93, Codabar/NW7, Interleaved 2 of 5, Matrix 2 of 5, MSI, Trioptic, Code 32
2D Barcodes	PDF417, MicroPDF417, GS1 Composite , 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)

Environmental

Operating temperature	-10°C to 50°C
Storage temperature	- 30°C to 70°C (without battery)
Charging temperature	0°C to 45°C
Relative Humidity	10% ~ 90% (Non-Condensing)

Durability

Drop Specification	1.2m , 1.5m with boot case
Sealing	IP65
Vibration/ Tumble test	MIL-STD 810G

Enclosure

Dimensions	157mm x 76.4mm x 13.9mm (H x W x D)
Weight	232g

Accessories

Stylus	Single Slot Charging cradle
Hand strap	Single Slot USB cradle
Quick charge adaptor (via USB type-C cable)	Single Slot Ethernet cradle
USB 3.0 type-C cable	4 Slots Ethernet cradle
9H glass screen protector	4 Slots Terminal Charging cradle
Gun grip: standard/ UHF	

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EA630 Plus
Software Solution

Development Tools

Unitech SDK | Scanner SDK | RFID SDK

Unitech offers a number of SDK toolkits for developers to write apps that can interact with the unitech devices for the mobile, scanner, and the RFID product lines.

Device Management

SOTI
vmware
42GEARS
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.

Productivity and Utilities

USS | **USS Profile**
Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.

USS Camera
Capture barcode data using the device camera and send the data to your applications as keyboard inputs.

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

WLAN Advanced
Configure advanced WLAN settings such as power saving mode and roaming parameters.

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

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

Startup
Auto-run apps when device boots up.

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