



# EA530 UHF

## Rugged Smartphone

IP65 & IP68 + 1.5m Drop | Warm-Swappable 4250mAh Quick-Release Battery | UHF RFID (up to 1.8m)

### Powered by Android 15 OS with GMS Certified

The EA530 is a 6-inch Android 15 rugged smartphone equipped with an advanced 2.2 GHz octa-core processor for smooth and efficient multitasking. Designed to handle demanding tasks with ease, it ensures stable performance in fast-paced business environments. With Google Mobile Service (GMS) certification, the EA530 provides secure, reliable connectivity for enhanced productivity across industries.

### Seamless Connectivity with Wireless Communication

Featuring reliable 4G LTE connectivity and enhanced by the latest Wi-Fi 6E technology, the EA530 delivers wide coverage and high-speed connections across 2.4GHz, 5GHz, and 6GHz bands. With fast roaming, Bluetooth® 5.2 for real-time data collection, and DBS (Dual-Band Simultaneous) technology supporting simultaneous transmissions on multiple bands, it ensures consistent and efficient network performance, keeping users seamlessly connected at all times.

### RFID for Expanded Functionality

The EA530 offers RFID functionality that can be seamlessly integrated with the standard gun grip. Users can perform both convenient barcode scanning and RFID scanning in one device, with RFID reading distances of up to 1.8 meters, making it an ideal solution for efficient inventory tracking and asset management. The EA530 is also compatible with the RP300 long-range RFID mobile reader, enabling reading distances of up to 25 meters. This high-performance capability is ideal for real-world applications, helping retailers and warehouse operators efficiently manage high shelves, storage areas, and inventory workflows across retail, logistics, and field service environments.

### Premier Barcode Reading Performance

Featuring powerful 1D/2D scanning capability, it also supports DPM codes (10mil) and ensures read reliability for mobile phone screens and paper in any orientation. Powered by a removable 4250mAh quick-release battery, it integrates HF/NFC RFID reader/writer and UHF RFID (optional), along with GPS and a high-resolution 16MP camera in a compact device. The EA530 gives your workforce the technology it needs to take your business to the next level.

### Streamlined Workflow with eSIM Technology

The EA530's eSIM technology revolutionizes connectivity by removing the need for physical SIM cards, ensuring convenience across various industries. Embedded securely within the device, the eSIM eliminates the risk of loss or damage while enhancing security by preventing unauthorized removal. Network switching is effortless—simply connect to Wi-Fi, scan a QR code, or enter an activation code. Optimized for efficiency, the EA530 delivers seamless, reliable connectivity, perfectly suited to the dynamic demands of retail, logistics, and beyond.

### Features

- Android 15 OS with GMS Certification
- Wireless Communication: 4G & Wi-Fi 6E
- All-In-One functionality: 2D Imager, NFC, 8MP front camera, and 16MP rear camera
- Rugged Design: Corning® Gorilla® Glass touch display, IP65 & IP68 rated, and 1.5M drop (1.8M with boot case)
- Warm-swappable 4250mAh quick-release battery
- UHF RFID powered by Impinj E310 (reading distance up to 1.8m)
- Support Gen2X (Coming Soon)
- Compatible with RP300 long-range RFID mobile reader for up to 25m reading distance
- Support unitech software solutions, SDKs, MoboLink, and MDM solutions



### Operation System

OS	Android 15 (upgradable to A17)
GMS certified	GMS certified
CPU	Octa-core 2.2GHz Processor
Memory	6 GB RAM / 64 GB Flash
Languages support	Multiple languages

### Display

Screen Size	6", HD (720x1440) color screen, backlight 500 nits
Touchpanel	Multi-Touch Capacitive Touch Panel, support stylus, glove, wet-finger Compatibility

### Keypad

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

### Indicator

LED, Speaker, Vibrator

### Camera

8MP front camera,  
16 MP Rear with auto-focus function and Flash Light

### RFID

UHF	Up to 1.8m 865~868MHz (EU), 902~928MHz (US)
HF	Frequency 13.56MHz, support NFC Compliance w/ ISO14443A/B, ISO15693, Mifare, Felica(ISO/IEC18092)

### Power Source

Main battery	Warm Swappable 4250mAh Li-Polymer battery / battery with cover in one piece
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### Enclosure

Dimensions ( H x W x D )	161 x 76.8 x 14.15 mm
Weight	242g ±1% (w/ battery)

### Symbologies

1D Barcodes	Support all major 1D barcodes
2D Barcodes	Support all major 2D barcodes

### Communication

Bluetooth®	Bluetooth® 5.2 , BLE
WLAN	Wi-Fi 6E, 2.4GHz & 5GHz & 6GHz IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/u/w/v/ax, Support DBS Security: WPA3, WPA2, WPA & WEP
WWAN	4G LTE (FDD): B1/2/3/4/5/7/8/12/17/19/20/28a&b/66 LTE (TDD): B38/39/40/41 3G WCDMA: B1(2100MHz), B2(1900MHz), B4(1700MHz), B5(850MHz), B8(900MHz) 2G GSM: B2(1900MHz),B3(1800MHz), B5(850MHz), B8(900MHz)
GPS	GPS/Beidou/Glonass/Galileo/A-GPS
Sensors	Gyroscope, G-sensor, E-compass, Light & Proximity Sensor

### I/O Interfaces

USB	USB 2.0 (type-C), support USB OTG
POGO PIN	PogoPin backside: Support Gun-grip PogoPin bottom: Charging via cradle
SIM Slot	1 eSIM, 1 Nano SIM
Expansion Slot	Micro SD x 1, up to 1TB
Audio	One speaker (95dB @ 10cm), One receiver, Dual noise-cancelling microphones, Smart PA

### Environmental

Operating temperature	-20°C to 50°C
Storage temperature	-30°C to 70°C, w/o battery
Charging temperature	0°C to 45°C
Relative Humidity	5% ~ 95% (Non-Condensing)
Drop Specification	1.5m , 1.8m with boot case
Sealing	IP65 & IP68
Vibration/ Tumble test	0.5m tumbles for 300 cycles / 600 drops

### Software

MDM Software	SOTI, VMware and MoboLink
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### Regulatory Approvals

CE, FCC, NCC, VCCI, TELEC, CCC, SRRC, BQB, N-Mark, RoHS 2.0

### Accessories

Hand Strap with fixed arm	1-Slot USB / Ethernet cradle
Belt Holster	4-Slot Battery charging cradle
USB 2.0 type C cable	5-slot Terminal charging cradle
9H glass screen protector	Gun grip
	Stylus & Coiled strap



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