Newland
SCANNING MADE SIMPLE

1D & 2D | Android 13 | RFID | IP65 | 1.5m drop | WiFi 6E

Bluetooth 5.2 | GPS | AER | GMS | 4G | Megapixel

Acuscan | UHF | 5.5" screen | Touchscreen | USB-C | Ndevor

Warranty 2 Years



MT93 Megattera Pro UHF

Mobile Computers

Features

WiFi 6E Generation

With the latest WiFi 6E technology, the MT93 Megattera Pro UHF offers improved speed and security to transmit data within four-wall applications. Fast roaming and increased bandwidth offered by WiFi 6E enable the MT93 to stay connected even in crowded wireless environments.

Powerful Performance

Powered by 2.2GHz octa-core processor and a robust 4GB of RAM, the MT93 Megattera Pro UHF can effortlessly handle multiple tasks. Running on Android 13 and featuring GMS, this device not only strengthens security measures but also guarantees a smoother and more efficient operational experience.

Intuitive and Comfortable Design

The MT93 Megattera Pro UHF combines advanced functionality with a user-friendly design. It is equipped with a 5.5-inch capacitive touchscreen, similar to a regular smartphone, providing ease of use. Additionally, the MT93 includes a pistol grip with an integrated UHF reader, which enhances efficiency and read range. Its ergonomic design helps reduce hand fatigue during extended use.

Built to Last

The MT93 Megattera Pro UHF is purpose-built to thrive in demanding work environments. Sporting an IP65 rating and successfully passing drop tests from heights of up to 1.5 meters, this device is designed to endure the challenges of your daily operations.

High-Precision Barcode Scanning & UHF Reading

Achieve unmatched precision in barcode scanning with the high-resolution megapixel scan engine, designed to deliver exceptional accuracy and speed. Positioned at the top of the device as a straight shooter, it ensures effortless and precise scanning, even in demanding environments. To create the most ergonomic and efficient workflow, activate the scanner or UHF reader via a tap on the screen by pressing a physical side button or using the Pistol Grip Trigger, providing maximum flexibility for point-and-shoot operation.
This combination of advanced technology and user-focused design ensures seamless and reliable data capture every time.

Uninterrupted Productivity

Boasting a robust 10.000mAh battery, the MT93 Megattera Pro UHF keeps you going throughout the full shift for up to 10 uninterrupted hours! Need even more power? Simply switch the battery to ensure uninterrupted workflow and reduced downtime.

Android Enterprise Recommended (AER).

The MT93 Megattera Pro UHF carries Google's AER seal of approval, signaling it keeps pace with performance and security upgrades to its operating system and core functionality. This label, in combination with Newland's free MDM Ndevor, enables clients to maintain secure visibility and control over their devices regardless of location.





Suggested industries

Retail | Warehousing | Logistics | Hospitality | Events

MT93 Megattera Pro UHF Technical specifications

Data Capture	
1D	Codel28, Code 49, Code 16K, (GSII28) UCC/EAN-128, AIM-128, EAN-8, EAN-13, UPC-E, UPC-A, ITF, ITF 6, ITF 14, Matrix 2 of 5, Industrial 25, Standard 2 of 5, Code39, ISSN, ISBN, CodaBar, Code93, Codell, Plessey, MSI Plessey, RSS.
2D	Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.
Depth of Field EAN 13 (13mil)	70mm-610mm
Depth of Field Code 39 (5mil)	110mm-290mm
Depth of Field PDF417 (6.7mil)	110mm-230mm
Depth of Field DataMatrix (10mil)	110mm-260mm
Depth of Field QR (15mil)	55mm-410mm
Performance	
Operating System	Android 13 - GMS, Android Enterprise Recommended (AER)
Processor	2.2GHz, octa-core 64-bit processor, 2*A76@2.2GHz,6*A55@2GHz
Memory RAM	4GB
Memory Flash	64GB
Physical	
Battery Type	10.000mAh, removable
Camera	Front camera: 5 megapixels; Top camera: 13 megapixels, auto focus, with LED flashlight
Dimensions (mm)	168(L) × 86(W) × 149(H) mm
Display	5.5” (720×1440), multi-point capacitive touch screen with Gorilla Glass; Brightness (max.400 Nits)
Expansion Slot	Micro SD Card (max 256GB)
Interfaces	USB Type-C, charging contacts on the bottom, supports headphones
Keypad	Virtual on-screen buttons: Menu, Home, Back; Physical buttons: Left and right Scan keys, Volume +/-, Power
Microphone	Dual microphones, supports noise reduction
Notifications	Vibrator, speaker (8R,1W 10cm,103dB) and multi-color LEDs
Power Supply Input	AC100~240V, 50~60Hz, 18w fast charge
Power Supply Output	DC5V/7V/9V, 2A
Sensors	Light & Proximity sensor, Gravity sensor, Gyroscope, Electronic compass
SIM/TF	Nano+Nano or Nano+TF
Weight	665g (including battery)
Wireless	
WWAN RADIO	2G: 850/900 800 900MHz; 3G: WCDMA (BI, B2, B5, BS); CDMA: IX EVDO (BCD); 4G: TDD-LTE (B34, B38, B39, B40, B4I) FDD-LTE (BI, B2, B3, B5, B7, BS, B20, B28 a&b)
WLAN RADIO	Built-in 802.ll a/b/g/n/ac/ax/k/v/r, support 2.4G and 5G dual frequency
WPAN RADIO	Bluetooth 5.2 BLE backward compatibility
GPS	GPS (AGPS), GLONASS, Beidou, Galileo
Environmental	
Operating Temperature	-20°C to 55°C (-4°F to 131°F)

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Feel free to contact us or a partner near you

visit newland-id.com/partners

Specifications are subject to change without notice

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MT93 Megattera Pro UHF Technical specifications

Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15 kV (Air discharge), ±8 kV (Direct discharge)
Drop	1.5m drops to concrete (for six sides, one drop per side)
IP Rating	IP65

Accessories

Standard	USB-C cable, battery, screen protector, multiplug adapter
Optional	Battery, AC adapter, cable, charging cradle, screen protector

Warranty

Standard	2 Years
Warranty Extension	+1 or 3 Years
Comprehensive Service	3 or 5 Years

UHF RFID

Protocol	EPC Class I Gen 2 (ISO 18000-BC)
Read Range	>12M (Indoor); >8M (Outdoor open space) (@ Alien 9740) (Read range can be affected by tag and environment)
Read Rate	>900 tags/sec (Read rate can be affected by tags and environment)
UHF Module	Based on Impinj E710
Antenna	Circularly polarized antenna (4dBi), 5dBm-33dBm,(±1dBm) adjustable.
Frequency Range	ETSI (Europe): 865.6-867.6MHz

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