Newland AIDC
SCANNING MADE SIMPLE

1D & 2D | Android 13 | AER | GMS | 4G | WiFi 6E

Bluetooth 5.2 | GPS | Megapixel | Acuscan | NFC | 5.5" screen

Touchscreen | IP67 | USB-C | Ndevor | GS1 Ready | Warranty 2 Years



MT93 Megattera Pro

Mobile Computers

Features

WiFi 6E Generation

With the latest WiFi 6E technology, the MT93 Megattera Pro 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. Backward compatible with legacy WiFi infrastructures, the MT93 is ideal for now and the future.

Powerful Performance

Powered by 2.2GHz octa-core processor and a robust 4GB of RAM, the MT93 Megattera Pro 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 blends advanced functionality with a user-centric design. The MT93 boasts a combination of lightweight design and rugged durability. It comes equipped with a user-friendly 5.5-inch capacitive touchscreen, just like your regular smartphone. Featuring an angled scan engine, the MT93 Megattera Pro adds comfort to your workflow, effectively minimizing fatigue and discomfort associated with pro-longed scanning activities.

High-Precision Barcode Scanning

Experience unparalleled scanning precision with the high-resolution megapixel scan engine. Positioned conveniently at the device's top, it facilitates swift and accurate scanning. Activate it through a simple tap on the screen or by pressing a physical side button for effortless point-and-shoot scanning. Make fewer mistakes with the Acuscan feature that makes sure you scan the right barcodes even when they are placed closely together.

Uninterrupted Productivity

Boasting a robust 5000mAh battery, the MT93 Megattera Pro 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.

Built to Last

The MT93 Megattera Pro is purpose-built to thrive in demanding work environments. Sporting an IP67 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.

Android Enterprise Recommended (AER).

The MT93 Megattera Pro 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 Technical specifications

Data Capture	
1D	All major 1D symbologies
2D	All major 2D symbologies
Image Sensor	1280 x 800 CMOS
Aiming	Laser Diode
Illumination	White LED (625±10nm)
Scan Modes	Trigger Mode
Scan Rate	60 frames per second
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 (MT8781)，2*A76@2.2GHz,6*A55@2GHz
Memory RAM	4GB
Memory Flash	64GB
Physical	
Battery Type	3.85V, 5000mAh, swappable
Camera	Front camera: 5 megapixels; Rear camera: 13 megapixels, auto focus, with LED flashlight
Dimensions (mm)	159(L) × 74(W) × 15.9(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), 2 PIN contacts support Pistol grip
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	277g (including battery)
Wireless	
WWAN RADIO	2G: 850/900/1800/1900MHz; 3G: WCDMA (B1, B2, B5, B8), CDMA: 1X EVDO (BC0); 4G: TDD-LTE (B34, B38, B39, B40, B41), FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28 a&b)
WLAN RADIO	WIFI 6E 802.11 a/b/g/n/ac/ax/k/v/r, support 2.4GHz, 5GHz and 6GHz triple frequency

Newland AIDC EMEA

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Specifications are subject to change without notice

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MT93 Megattera Pro Technical specifications

WPAN RADIO	Bluetooth 5.2 BLE backward compatibility
NFC	13.56MHz RFID: ISO14443A/B, MIFARE, FeliCa, NFCForumTags, ISO15693
GPS	GPS (AGPS), GLONASS

Environmental

Operating Temperature	-20℃ to 55℃ (-4°F to 131°F)
Storage Temperature	-40℃ to 70℃ (-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	IP67

Accessories

Standard	Protective case, USB-C cable, battery, screen protector, hand strap, multiplug adapter
Optional	Battery, AC adapter, cable, hand strap, protective case, protective film, charging cradle, 4-slot battery charging cradle, pistol grip, screen protector

Warranty

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

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