



PORTABLE DATA COLLECTOR

NLS-MT93

Scanning made simple.

The MT93 packs 1D/2D, Bluetooth, Wi-Fi, 4G, GPS, camera and NFC into an IP67-sealed body that withstands 1.5 m drops to concrete. Newland's high-performance engine reads a wide range of barcodes plus OCR, and a changeable 5000 mAh battery delivers up to a 12-hour shift.



NEWLAND AIDC, AVAILABLE THROUGH VERITRONICS

FEATURES

Rugged Durability

IP67-sealed against dust and water, withstanding 1.5 m drops to concrete.

Diverse Functionality

1D/2D, Bluetooth, Wi-Fi, 4G, GPS, camera and NFC with OCR support for varied applications.

Long, Swappable Battery

A changeable 5000 mAh battery delivers up to 12 hours per charge for all-day use.

KEY SPECIFICATIONS

Processor	2.2GHz octa-core 64-bit	Dimensions (L×W×H)	159×74×15.9mm (6.26×2.91×0.63in)
Operating System	Android 13	Weight	277g (9.77oz, incl. battery)
Memory	4GB RAM, 64GB ROM	Camera	13MP rear AF + 5MP front
Display	5.5" (720×1440), Gorilla Glass, 400 nits	Drop	1.5m / 4.92ft to concrete
Battery	3.85V, 5000mAh (changeable)	Sealing	IP67

Technical Specifications

NLS-MT93

PERFORMANCE

Symbologies	2D: Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF417, QR Code, Data Matrix, DotCode 1D: Code128, Code49, Code16K, GS1-128 (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, Code11, Plessey, MSI Plessey, RSS
Depth of Field	EAN-13 (13mil): 70–610mm (2.76–24.02in) Code39 (5mil): 120–290mm (4.72–11.42in) PDF417 (6.7mil): 110–230mm (4.33–9.06in) Data Matrix (10mil): 110–260mm (4.33–10.24in) QR Code (15mil): 55–410mm (2.17–16.14in)

WIRELESS

WLAN Radio	802.11 a/b/g/n/ac, 2.4G & 5G dual-band
WWAN Radio (4G)	2G / 3G / 4G LTE (multi-band)
WPAN Radio	Bluetooth 5.0 BLE
NFC	13.56MHz (front)

PHYSICAL & ELECTRICAL

Processor	2.2GHz octa-core 64-bit
Operating System	Android 13
Memory	4GB RAM, 64GB ROM
Display	5.5" (720×1440), Gorilla Glass, 400 nits
Keypad	Virtual (Menu, Home, Back) + physical scan / volume / power
Battery	3.85V, 5000mAh (changeable)
Camera	Rear 13MP AF w/ LED flash · Front 5MP
Sensor	Light & proximity, gravity, gyroscope, e-compass
Expansion	microSD (max 256GB)
Interface	USB Type-C, bottom charging contacts
Dimensions (L×W×H)	159×74×15.9mm (6.26×2.91×0.63in)
Weight	277g (9.77oz, incl. battery)

ENVIRONMENTAL

Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Static Discharge	±15kV (air); ±8kV (direct)
Drop	1.5m / 4.92ft to concrete (six sides, one per side)
Sealing	IP67

Specifications are subject to change without notice.