



PORTABLE DATA COLLECTOR

NLS-MT37

Scanning made simple.

Newland's self-developed high-performance engine lets the MT37 decode even poor-quality barcodes — soiled or wrinkled labels — with ease and greater efficiency. A quad-core Android 8.1 platform with dual-band Wi-Fi and BT5.0 sits in a rugged, easy-disinfect housing rated for 1.2 m drops to concrete.



NEWLAND AIDC, AVAILABLE THROUGH VERITRONICS

FEATURES

Superior Barcode Reading

Newland's high-performance engine decodes even soiled or wrinkled labels with ease, at markedly higher efficiency.

Easy-Disinfect Shell

Built for environments frequently cleaned with disinfectant; refer to the antibacterial compatibility list.

User-Focused Ergonomics

A lightweight, well-balanced design reduces stress and fatigue during extended work sessions.

KEY SPECIFICATIONS

Processor	1.8GHz quad-core	Dimensions (L×W×H)	158×59×18.3mm (6.22×2.32×0.72in)
Operating System	Android 8.1 Go	Weight	155g (5.47oz, incl. battery)
Memory	1GB RAM, 8GB ROM	Keypad	24 keys
Display	2.8" (320×240) capacitive touch	Drop	1.2m / 3.94ft to concrete
Battery	3.8V, 3300mAh (non-removable)	Operating Temperature	-20°C to 50°C (-4°F to 122°F)

Technical Specifications

NLS-MT37

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	Code128 (12.5mil): 90–330mm (3.54–12.99in) EAN-13 (13mil): 50–300mm (1.97–11.81in) PDF417 (6.7mil): 50–135mm (1.97–5.31in) QR Code (15mil): 20–210mm (0.79–8.27in)

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 (4G)	13.56MHz ISO14443A/B, MIFARE, FeliCa, ISO15693

PHYSICAL & ELECTRICAL

Processor	1.8GHz quad-core
Operating System	Android 8.1 Go
Memory	1GB RAM, 8GB ROM
Interface	USB Type-C (bottom)
Display	2.8" (320×240) capacitive touch
Keypad	24 keys
Battery	3.8V, 3300mAh (non-removable)
GPS	GPS (AGPS), GLONASS, Beidou
Card Slot (4G)	SIM × 1
Dimensions (L×W×H)	158×59×18.3mm (6.22×2.32×0.72in)
Weight	155g (5.47oz, incl. battery)
Notification	Vibrator, speaker, multi-color LEDs

ENVIRONMENTAL

Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 60°C (-22°F to 140°F)
Humidity	5% to 95% (non-condensing)
Static Discharge	±12kV (air); ±8kV (direct)
Drop	1.2m / 3.94ft to concrete (six sides, one per side)

Specifications are subject to change without notice.