



CUSTOMER INFORMATION TERMINAL

NLS-NQUIRE500

Scanning made simple.

A compact Android 13 self-service terminal with a 5" HD touch display and Newland's scan engine. USB and GPIO ports drive gates or door locks, VESA 75 mounting fits almost anywhere, and it powers over adapter or PoE — with 4G cellular for always-on connectivity.



NEWLAND AIDC, AVAILABLE THROUGH VERITRONICS

FEATURES

Advanced Scanning

Newland's self-developed engine decodes even soiled or wrinkled labels with ease.

Diverse Connectivity

Bluetooth, 1D/2D, Wi-Fi, 4G and LAN, plus USB and GPIO ports for gates and door locks.

Flexible Deployment

Compact with VESA 75 mounting and PoE or adapter power — install virtually anywhere.

KEY SPECIFICATIONS

Processor	2.0GHz octa-core 64-bit	Dimensions (L×W×H)	156.5×100.4×29mm (6.16×3.95×1.14in)
Operating System	Android 13	Interface	1× USB Type-C
Memory	4GB RAM, 64GB ROM	Ethernet	RJ45, Power-over-Ethernet
Display	5" (854×480) capacitive touch	Sealing	IP54 (front panel)
Camera	8MP front	Operating Temperature	-10°C to 50°C (14°F to 122°F)

Technical Specifications

NLS-NQUIRE500 (MT8781)

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): 110–290mm (4.33–11.42in) 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
WWAN Radio	2G / 3G / 4G LTE (multi-band)
WPAN Radio	Bluetooth 5.2
13.56MHz RFID (opt.)	ISO14443A/B, MIFARE, FeliCa, ISO15693

PHYSICAL & ELECTRICAL

Processor	2.0GHz octa-core 64-bit
Memory	4GB RAM, 64GB ROM
Display	5" (854×480) capacitive touch
Keypad	Up / Down, Vol +/-, Menu
Camera	Front 8MP
Audio	1× microphone, 2× 8Ω/1.5W speakers
Card Slot	Nano + Nano / Nano + TF
Interface	1× USB Type-C
Expansion	2× GPIO / 1× USB / 2× serial
Power	AC adapter 12V@3A; PoE IEEE 802.3 af/at
Dimensions (L×W×H)	156.5×100.4×29mm (6.16×3.95×1.14in)

ENVIRONMENTAL

Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% to 90% (non-condensing)
Static Discharge	±12kV (air); ±6kV (direct)
Sealing	IP54 (front panel)

Depth of field depends on barcode and environment. Specifications are subject to change without notice.