



NLS-NQUIRE500

CUSTOMER INFORMATION TERMINAL

FEATURES

○ **Advanced Technology**

Armed with Newland's self-developed scan engine, the NLS-NQ500 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease.

○ **Diverse Functionalities.**

NLS-NQ500 offers Bluetooth/ID/2D/WiFi/4G/LAN functionalities to meet various application needs.

○ **Power Supply**

Charged through power adapter or Power-over-Ethernet.

○ **External Device Connections**

The external USB and GPIO ports enable the possibilities to attach a Newland handheld scanner for controlling an entry/exit gate or door lock.

○ **Great Environment Adaption**

Because of its small size and the VESA 75 mountability, it can be installed virtually anywhere in a store or office.

○ **Excellent Product Interaction**

Featuring a 5-inch HD screen (800x480 resolution), powered by Android 13 OS, and compatible with Newland MDM software



2D Barcode



ID Barcode



Android



4G



WiFi
Dual Band



Bluetooth



Touch



PoE

NLS-NQUIRE500

Performance

| | | |
|---|-------------|---|
| Processor | | 2.0GHz, octa-core 64-bit processor |
| Operating System | | Android 13 (can be upgrade to higher version) |
| Memory | | 4GB RAM/64GB ROM |
| Symbologies | 2D | Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode. |
| | 1D | Code128, Code 49, Code 16K, (GS1128) 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, Code 11, Plessey, MSI Plessey, RSS. |
| Depth of Field (Depend on Barcode and Environment) | EAN-13 | 70mm-610mm(13mil) |
| | Code39 | 110mm-290mm(5mil) |
| | PDF417 | 110mm-230mm(6.7mil) |
| | Data Matrix | 110mm-260mm(10mil) |
| | QR Code | 55mm-410mm(15mil) |

Physical/Electrical

| | | |
|--------------------|------------|---|
| Dimensions (L×W×H) | | 156.5(L) × 100.4(W) × 29(H) mm |
| Display | | 5" (854×480), capacitive touch screen |
| Keypad | | Up/down keys, Vol+/Vol- keys, Menu key |
| Notification | | speaker and multi-color LEDs |
| Sensor | | Gravity Sensor, infrared sensor |
| GPS | | GPS (AGPS), GLONASS, Beidou, Galileo |
| Camera | | Front camera: 8 megapixels, |
| Audio | | 1x Microphone, 2x Speakers 8Ω/1.5W |
| Card Slot | | Nano+Nano/Nano+TF |
| Interface | USB | 1x USB Type-C |
| | Ethernet | RJ45, support Power-over-Ethernet |
| | Expansion | 2x GPIO/1x expansion USB/2x series port |
| AC Adapter | AC Adapter | 12V@3A |
| | POE | IEEE 802.3 af/at |

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 | ±12 kV (Air discharge), ±6 kV (Direct discharge) |
| Sealing | IP54 (front panel) |

NFC

| | |
|-------------------------|--|
| 13.56MHz RFID(Optional) | ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693 Support ID Card reading, support reader/writer mode |
|-------------------------|--|

Wireless

| | | |
|------------|----|---|
| WLAN RADIO | | Built-in 802.11 a/b/g/n/ac, support 2.4G and 5G dual frequency |
| WWAN RADIO | 2G | 850/900/1800/1900MHz |
| | 3G | WCDMA (B1, B2, B5, B8); CDMA: 1X EVDO (BC0); TD-SCDMA: B34/39 |
| | 4G | TDD-LTE (B34, B38, B39, B40, B41), FDD-LTE (B1, B2, B3, B5, B7, B8, B20, B28 a&b) |
| WPAN RADIO | | Bluetooth 5.2 |

Accessory (Optional)

NFC antenna, MSR card reader

Specifications are subject to change without notice.

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Version: 1.4

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