# NQuire 300

## Android Customer Information Terminal



1D | 2D | CCD | CMOS | Laser Aimer

Android | 4.3" Color | Touch | WIFI | Bluetooth

RFID | Ethernet | USB | I/O Ctrl

## Features

- **Seamless barcode scanning.**

  An omnidirectional Newland scan engine ensures responsive scanning of 1D and 2D barcodes. Both trained employees and inexperienced customers will be able to scan printed and digital barcodes with ease.

- **Enterprise-level Android OS.**

  Running Android, the NQuire 300 provides your team with endless development possibilities and your customers with a device that is intuitive in use. Looking up product information, scanning a ticket, checking a price or making a purchase is quick and simple, even for inexperienced users.

- **MDM software.**

  Keep track of devices in the field with Newland's mobile device management (MDM) software.

- **Endless versatility**

  Equipped with a variety of features that make it easy to adapt the NQuire 300 to your application. The device has a built-in HF RFID reader and data can be transmitted through Ethernet, WiFi and Bluetooth (optional). An external USB and GPIO port provide the possibility to connect an external device, e.g. a handheld scanner.

- **Mount anywhere.**

  With dimensions of 140 x 139.5 x 61 (HxWxD) and compliance with VESA 75 standards, the NQuire 300 can easily be mounted on any shelf, pole or wall.



## Application Scenarios

Self-service, access control, price checking, time attendance, airport check.

# NQuire 300

## Android Customer Information Terminal

| | | | NQuire 301 | NQuire 304 |
|---|---|---|---|---|
| **Performance** | CPU | | 1.4 GHz 32-bit ARM A9 CPU | |
| | Operating System | | Android 4.4.2 | |
| | Memory | | RAM: 1GB DDR3 | |
| | | | Flash: 4GB | |
| | | | Support Micro SD up to 32GB | |
| | Display | | 4.3" 480*272 TFT LCD Display with 5-point capacitive touch panel | |
| | Speaker | | 88dB (850Hz~20KHz) dual-channel stereo sound | |
| | Network | Ethernet | 10/100 /1000 Mbps Ethernet | |
| | | WiFi | IEEE 802.11 b/g/n | |
| | BT (optional) | | Bluetooth 4.0 LE | |
| | RFID | | ISO/IEC 1443 A/B ISO/IEC 15693; MIFARE 1K/4K; MIFARE DESFire; Sony FeliCa | |
| | Ports | USB | 2 USB Host ports | |
| | | GPIO | Programmable GPIO (2 in - 2 out) | |
| | Symbologies | | 1D | 2D |
| | | | 1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6,ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey | 2D: PDF417, Data Matrix (ECC200, ECC000, 050, 080, 100, 140), QR Code, Chinese Sensible Code.<br>1D:EAN-13, EAN-8, UCC/EAN-128, UPC-A, UPC-E, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5 ,Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey. |
| | Resolution | | ≥4mil | ≥3mil |
| | Typical Depth of Field | | Code 39 (5mil): 30mm-190mm<br>EAN-13 (13mil): 20mm-350mm<br>Code 128 (10mil): 15mm-360mm | Code 39 (5mil): 20mm-200mm<br>EAN-13 (13mil): 30mm-330mm<br>Code 128 (10mil): 15mm-270mm<br>PDF 417 (6.7mil): 30mm-170mm<br>Data Matrix (10mil): 20mm-150mm<br>QR Code (15mil): 10mm-200mm |
| **Mechanical/ Electrical** | Power Consumption | | 6W | |
| | Power Adapter | | DC9-25V, 2000mA | |
| | P-o-E (optional) | | Power-over-Ethernet IEEE 802.3 af | |
| | Dimensions | | 140(H) × 139.5(W) x 61(D)mm | |
| | Weight | | 403g | |
| **Environmental** | Operating Temperature | | 0℃ to 50℃ (32°F to 122°F) | |
| | Storage Temperature | | -20℃ to 55℃ (-4°F to 131°F) | |
| | Operating Humidity | | 5% to 90% (non-condensing) | |
| | Storage Humidity | | 5% to 95% (non-condensing) | |
| **Accessories** | VESA 75 Mount | | The NQuire 300 complies with standard VESA 75 bracket, enabling easy mounting on shelves and walls. | |
| | Power Adapter | | Output: DC12V, 2A; Input AC100~240V, 50~60Hz | |
| **Certifications** | | | FCC, CE, RoHS, IEC/EN 62471 | |

*Specifications are subject to change without notice.*

Version: V1.0


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