

NQuire 300

Android Customer Information Terminal



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.



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| 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 | <div> <div>1D</div> <div>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</div> </div> <div> <div>2D</div> <div>2D: PDF417, Data Matrix (ECC200, ECC000, 050, 080, 100, 140), QR Code, Chinese Sensible Code. 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.</div> </div> |
| | Resolution | <div>≥4mil</div> <div>≥3mil</div> |
| | Typical Depth of Field | <div>Code 39 (5mil): 30mm-190mm EAN-13 (13mil): 20mm-350mm Code 128 (10mil): 15mm-360mm</div> <div>Code 39 (5mil): 20mm-200mm EAN-13 (13mil): 30mm-330mm Code 128 (10mil): 15mm-270mm PDF 417 (6.7mil): 30mm-170mm Data Matrix (10mil): 20mm-150mm QR Code (15mil): 10mm-200mm</div> |
| Mechanical/ | Power Consumption | 6W |
| Electrical | 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°C to 50°C (32°F to 122°F) |
| | Storage Temperature | -20°C to 55°C (-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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