

# 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.

## Application Scenarios

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

### ◆ 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.



# NQuire 300

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		NQuire301	NQuire304	
<b>Performance</b>	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	10/100Mbps Ethernet	
		WiFi (optional)	IEEE 802.11b/g/n	
	BT (optional)	Bluetooth 4.0 LE		
RFID	ISO/IEC 14443 A/B ISO/IEC 15693; MIFARE 1K/4K; MIFARE DESFire; Sony FeliCa			
Ports	USB	2 x USB2.0 ports (One supports Host, the other supports Host & Slave)		
	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 32, Code 11, MSI-Plessey, Plessey	2D: PDF417, Data Matrix, 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 32, Code 11, MSI-Plessey, Plessey.		
Resolution	≥4mil	≥3mil		
Typical Depth of Field	Code 39 (5mil): 60mm-145mm EAN-13 (13mil): 50mm-290mm Code 128 (10mil): 34mm-260mm	Code 39 (5mil): 34mm-125mm EAN-13 (13mil): 55mm-210mm Code 128 (10mil): 51mm-160mm PDF417 (6.7mil): 43mm-100mm Data Matrix (10mil): 44mm-92mm QR Code (15mil): 35mm-130mm		
<b>Mechanical/</b>	Power Consumption	6W		
<b>Electrical</b>	Power Adapter	DC9-25V, 2000mA		
	P-o-E (optional)	Power-over-Ethernet IEEE 802.3af		
	Dimensions	140(H) × 139.5(W) x61(D)mm		
	Weight	403g		
<b>Environmental</b>	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)		
<b>Accessories</b>	VESA75 Mount	The NQuire300 complies with standard VESA 75 bracket, enabling easy mounting on shelves and walls.		
	Power Adapter	Output: DC12V, 2A; Input AC100~240V, 50~60Hz		
<b>Certifications</b>	FCC, CE, RoHS, IEC/EN 62471			

\*Specifications are subject to change without notice \*

Version: V1.1

**Newland EMEA HQ**  
+31 (0) 345 87 00 33  
info@newland-id.com

**Newland D-A-CH**  
+49 (0) 6182 82916-16  
info@newland-id.de

**Newland France**  
+31 (0) 345 87 00 33  
france@newland-id.com

**Newland Benelux**  
+31 (0) 345 87 00 33  
benelux@newland-id.com

**Newland Ibérica**  
+34 (0) 93 303 74 66  
info@newland-id.es

**Newland Italy**  
+39 (0) 342 056 2227  
italy@newland-id.com

**Newland Nordic & Baltic**  
+46 (0) 708 847 767  
nordic@newland-id.com

**Newland UK**  
+44 (0) 1442 212 020  
sales@newland-id.co.uk

**Newland Russia**  
+31 (0) 345 87 00 33  
russia@newland-id.com

**Newland South Africa**  
+27 (0) 11 553 8010  
info@newland-id.co.za

**Newland Middle East**  
+31 (0) 345 87 00 33  
middleeast@newland-id.com

**Newland Turkey & Iran**  
+90 (0) 544 538 40 49  
turkey@newland-id.com  
iran@newland-id.com