

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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	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. 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 EAN-13 (13mil): 20mm-350mm Code 128 (10mil): 15mm-360mm	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	
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) × 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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