



NQire 300
Android micro
kiosk

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 NQire 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 NQire 300 to your application. The device has a built-in HF RFID reader and data can be transmitted through Ethernet, WiFi and BT (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 NQire 300 can easily be mounted on any shelf, pole or wall.



NQire 300 with VESA 75 standard.

Application Scenarios

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

NQuire 300

Android micro kiosk

		NQuire301	NQuire304	
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	10/100Mbps Ethernet	
		WiFi	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)	
Symbolologies	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		
Mechanical/	Power Consumption	6W		
Electrical	Power Adapter	DC9-25V, 2000mA		
	P-o-E	Power-over-Ethernet IEEE 802.3af		
	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	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		
Certifications	FCC, CE, RoHS, IEC/EN 62471			

*Specifications are subject to change without notice *

Version: V1.1