Newland
SCANNING MADE SIMPLE

NQuire 300
Android mirco kiosk

1D | 2D | CCD | CMOS | Laser Aimer
Android | 4.3" Color | Touch screen | WIFI | 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 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 NQuire 300 can easily be mounted on any shelf, pole or wall.

NQuire 300 with VESA 75 standard.

Application Scenarios

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

NQuire 300
Android micro kiosk

newland-id.com

			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)	
	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
Mechanical/ Electrical	Power Consumption		6W	
	Power Adapter		DC9-25V, 2000mA	
	P-o-E		Power-over-Ethernet IEEE 802.3af	
	Dimensions		140(H) × 139.5(W) x61(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

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