

NLS-NQuire300 Series

Customer Information Terminal



Features

Advanced Technology

Includes core-technology **UIMG[®]**, which is independently designed and manufactured by Newland Auto-ID. **UIMG[®]** technology includes the optical, CMOS, digitizer, decoder, image processing & embedded systems.

Data Collection

Through a 1D or 2D scan engine as well as an RFID engine.

Data Transmission

Transmit data through Ethernet, WiFi or Bluetooth.

Power Supply

Charged through power adapter or Power-over-Ethernet.

External Device Connections

The external USB and GPIO ports enable the possibilities to attach a Newland handheld scanner for controlling an entry/exit gate or door lock.

Value-for-Money

Designer and ergonomic Information Terminal which can be used as a price verifier/checker, access control terminal or multi-media commercial player.

Great Environment Adaption

Because of its small size and the VESA 75 mountability, it can be installed virtually anywhere in a store or office.

Application Scenarios

Price check, inventory check, informational product videos, gift card/coupon lookup, guided selling, digital advertising/signage, call for assistance, store maps manufacturing, etc.

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SCANNING MADE SIMPLE

		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 (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)	
	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 (optional)	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 *

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