Newland AIDC
Scanning Made Simple

NLS-NQUIRE500

CUSTOMER INFORMATION TERMINAL

FEATURES

○ **Advanced Technology**

Armed with Newland's self-developed scan engine, the NLS-NQ500 can decode even poorer quality barcodes, such as soiled or wrinkled labels, with ease.

○ **Diverse Functionalities.**

NLS-NQ500 offers Bluetooth/1D/2D/WiFi/LAN functionalities to meet various application needs.

○ **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.

○ **Great Environment Adaption**

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

○ **Excellent Product Interaction**

Featuring a 5-inch HD screen (800x480 resolution), powered by Android 13 OS, and compatible with Newland MDM software

2D Barcode   1D Barcode   Android   WiFi Dual Band   Bluetooth   Touch   PoE

NLS-NQUIRE500

Performance

Processor		2.0GHz, octa-core 64-bit processor
Operating System		Android 13 (can be upgrade to higher version)
Memory		4GB RAM/64GB ROM
Symbologies	2D	Aztec, Composite, CS Code, Maxicode, Micro PDF, Micro QR, PDF 417, QR Code, Data Matrix, DotCode.
	1D	Code128, Code 49, Code 16K, (GS1128) UCC/EAN-128, AIM-128, EAN-8, EAN-13, UPC-E, UPC-A, ITF, ITF 6, ITF 14, Matrix 2 of 5, Industrial 25, Standard 2 of 5, Code39, ISSN, ISBN, CodaBar, Code93, Code 11, Plessey, MSI Plessey, RSS.
Depth of Field	EAN-13	70mm-610mm(13mil)
(Depend on Barcode and	Code39	110mm-290mm(5mil)
Environment)	PDF417	110mm-230mm(6.7mil)
	Data Matrix	110mm-260mm(10mil)
	QR Code	55mm-410mm(15mil)

Physical/Electrical

Dimensions (L×W×H)		156.5(L) × 100.4(W) × 29(H) mm
Display		5" (854×480), capacitive touch screen
Keypad		Up/down keys, Vol+/Vol-keys, Menu key
Notification		speaker and multi-color LEDs
Sensor		Gravity Sensor, infrared sensor
GPS		GPS (AGPS), GLONASS, Beidou, Galileo
Camera		Front camera: 8 megapixels,
Audio		1x Microphone, 2x Speakers 8Ω/1.5W
Interface	USB	1x USB Type-C
	Ethernet	RJ45, support Power-over-Ethernet
	Expansion	2x GPIO/1x expansion USB/2x series port
AC Adapter	AC Adapter	12V@3A
	POE	IEEE 802.3 af/at

Environmental

Operating Temperature	-10℃ to 50℃ (14ºF to 122ºF)
Storage Temperature	-20℃ to 60℃ (-4ºF to 140ºF)
Humidity	5% to 90% (non-condensing)
Static Discharge	±12 kV (Air discharge), ±6 kV (Direct discharge)
Sealing	IP54 (front panel)

NFC

13.56MHz RFID(Optional)	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
	Support ID Card reading, support reader/writer mode

Wireless

WLAN RADIO	Built-in 802.11 a/b/g/n/ac, support 2.4G and 5G dual frequency
WPAN RADIO	Bluetooth 5.2

Accessory (Optional)

NFC antenna, MSR card reader

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