Newland AIDC
Scanning Made Simple

NLS-NQuire 1000

CUSTOMER INFORMATION TERMINAL

FEATURES

○ **Easy to Install and Use Anywhere**

Ideally suited for shelf mounting or on-counter usage in department stores, supermarkets, small grocery stores, drugs-cosmetic stores, tobacco kiosks and more.

○ **Highly Customizable with a Broad Range of Features**

External SCR, Thermal Printer, Wi-Fi, Bluetooth embedded, Coms included, POE.

○ **Snappy Reading Performance**

Armed with Newland's omnidirectional megapixel EM2037 engine (Resolution: 1280*800).

○ **Easily Build Applications**

The NQuire is built on Android 7.1, allowing for easy development of custom applications.

| 2D Barcode | 1D Barcode | Android | USB | Ethernet | WiFi | Screen size |

NLS-NQuire 1000

Performance

SOC	RK3368, Octa-core Cortex-A53; up to 1.5 GHz
	PowerVR G6110 GPU; up to 600MHZ
Operating System	Android 7.1
Memory	2GB DDR3, 8GB eMMC

Physical/Electrical

Dimensions (L×W×H)	252 × 184 × 33mm
Material	PC + ABS plastic
P-o-E (optional)	Power-over-Ethernet IEEE 802.3af
Weight	615 grams, main body only, without power adapter and metal bracket
Display	10.1" WXGA, 1280 × 800 TFT LCD display/10 points Capacitive Touch
VESA Mount Holes	Metal fitting mounting screw holes: 75 × 75 mm

Power Supply

Clock Battery	Lithium-ion non-rechargeable coin battery for RTC
DC Input	AC 100-240V, 50-60Hz, 2A Max, DC12V±5%
Power Consumption	1KHz audio playback etc. about 18W maximum, OFF: 0W
LED Indicator	1x LED/Power Supply ON: red, then turns green once kernel boot up
	Power Supply OFF: LED off

Environmental

Operating Temperature	-10℃ to 50℃ (14°F to 122°F)
Storage Temperature	-20℃ to 60℃ (-4°F to 140°F)
Humidity	5% to 90% (non-condensing)
Sealing	IP54(front panel)

Barcode Scanning

2D Barcode CMOS (≥5mil)	**1D:** Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, GS1 Composite Code, Matrix 2 of 5, Code 11, Industrial 25, Standard 25, Plessey, MSI-Plessey, etc.
	2D: PDF417, QR Code, Data Matrix, Chinese Sensible Code, Aztec Code, Maxicode, MicroPDF417*, etc.

Connectivity

Wi-Fi	IEEE 802.11 b/g/n/ac (2.4G), IEEE 802.11 a/b/g/n/ac (5G)
Bluetooth	BT 4.1
LAN	RJ45 Ethernet, 10/100/1000 Base T/POE (Power Over Ethernet)

Peripherals

Camera	Front: 5.0 MP camera
Audio	1x 3.5mm Headset + MIC jack, 2x Integrated speakers 8Ω/1.3W
Sensor	G Sensor
Other H/W	VESA mount: Metal-fitting mounting screw holes
Functional Keys	(Vol+/Vol-)/(Up/Down)/Exit/Power switch

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I/O Ports

USB Port	1x USB 2.0 host, type A port, 1x Micro USB 2.0 port
SD Card Slot	SD Card (SDHC class 10 compatible) slot with cover
GPIO Port	1x GPIO port
Expansion Slot	2x POGO-PIN, USB 2.0/supports up to two modules working concurrently
DC-in	4mm DC-In jack, 12V/2A

Multimedia

Video	MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV
Audio	MP2, WMA, WAV, AAC, OGG, ASF
Picture	JPG, BMP, GIF

Accessory (Default)

Multi-plug AC/DC adapter with power cord

Certificates & Protection

CE, FCC, RoHS

Specifications are subject to change without notice.   Version: V1.4

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