Newland
SCANNING MADE SIMPLE

1D & 2D	Android 7.1	7" screen
Megapixel	Touchscreen	USB
Micro SD	Camera	IP54
4G	WIFI Dual Band	PoE
Bluetooth 4.0	RFID	NFC
I/O Ctrl	Ndevor	Warranty 2 Years

NQuire 750 Stingray
Micro Kiosks

Features

Android OS.
The NQuire 750 Stingray uses Android 7.1 OS. With this reliable operating system comes a feature-rich environment for stable apps that are tried and tested. Android 7.1 is an excellent match for the applications most suited to the NQuire 750. Particularly when operating within four walls, fitting the NQuire 750's PoE (Power over Ethernet) connectivity.

Free MDM included.
The NQuire 750 Stingray comes with the option of running Newland's free MDM solution: Ndevor. As a result, the Micro Kiosk lends itself perfectly for the coordination of multiple units. Managing information from a shared database, organizing applications and settings across many individual units, as well as low-touch assistance in troubleshooting can all be managed from a centralized location.

Mount anywhere.
The NQuire 750 Stingray's slimline and lightweight design is suitable for mounting on any shelf edge. Options to mount the NQuire series range from shelf to wall and free-standing. Its classic Vesa75 configuration also ensures existing industry standard, 3rd party solutions are compatible.

Snappy Megapixel Scanning.
Barcode data capture is at the heart of Newland's Micro Kiosks and so the NQuire 750 is fitted with their own Megapixel scanning technology. This maintains high standards for the scanning of both large and small 1D & 2D barcodes. The Micro Kiosk further includes optimal settings for reading barcodes presented on smartphone and tablet screens. With the scanner set at a 20° angle, it matches the ergonomics of how the user presents codes for scanning.

Multi-purpose display.
The sharp, full-colour screen on the Stingray is perfect for running animations and live recorded videos when not actively being used. With onboard memory, expanded memory and online options, the choice of content to display is virtually limitless.

Endless communication possibilities.
With WiFi, Ethernet, Powered Ethernet (PoE) and Bluetooth, this Micro Kiosk offers a variety of standard communication possibilities. Additionally, optional 4G means that the NQuire 750 Stingray can communicate and be communicated with, no matter the circumstance. Adding to that the wide variety of data capture options, such as integrated barcode reading, MSR, NFC and low frequency RFID, application possibilities are endless.

Suggested industries

Hospitality	Manufacturing	Public Sector	Retail	Tourism

Performance

Image Sensor	1280 x 800 CMOS
Operating System	Android 7.1
Processor	1.5GHz octa-core 64-bit
Memory RAM	2GB DDR3
Memory Flash	8GB Emmc
Memory Storage Expansion (max.)	Micro SD card up to 128GB
Illumination	White LED
Aiming	650nm laser diode
Depth of Field EAN 13 (13mil)	70-600mm
Depth of Field CODE 39 (5mil)	120-280mm
Depth of Field PDF417 (6.67mil)	110-230mm
Depth of Field Data Matrix (10mil)	110-260mm
Depth of Field QR (15mil)	55-400mm
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±50°
Scan Angle Skew	±50°
Field of View Horizontal	42°
Field of View Vertical	28°

Data Capture

1D	All major 1D symbologies, including Code128, EAN-13, EAN-8, Code39, 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, Code11, Industrial 25, Standard 25, Plessey, MSI-Plessey.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix, Chinese Sensible Code, Aztec Code, Maxicode, MicroPDF417*.

Physical

Dimensions (mm)	195(H)x138.5(W)x25(D)mm
VESA standard	Complies with the standard VESA 75 bracket, enabling easy mounting on shelves and walls
Display	7" 1280x800 IPS display
Touch Panel	5-point capacitive touch panel
Interfaces	USB 2.0 host, type A port, micro USB 2.0 type B, OTG, programmable GPIO (2 in - 2 out)
Input Voltage	DC12V, 2A
Power Consumption	12W (MAX)
Power Supply Input	AC110 ~ 220V, 50~60Hz
Power Supply Output	DC12V, 2A
Sensors	Gravity Sensor
Power over Ethernet	IEEE 802.3af
Audio	82dB dual-channel stero sound speaker
Expansion Slot	Micro SD up to 128GB

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Environmental

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 55°C (14°F to 131°F)
Humidity	20% to 65% (40°C)
IP Rating	IP54

Wireless

WLAN RADIO	IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5Ghz (optional)
WPAN RADIO	Bluetooth 4.0 LE, EDR + BLE (optional)
RFID	ISO/IEC 14443 A/B ISO/IEC 15693; MIFARE 1K/4K; MIFARE DESFire; Sony FeliCa (optional)

Software

MDM (certified)	Ndevor, SOTI
Terminal Emulation (compatible)	StayLinked, Airwatch
Configuration Tools	Ndevor

Certifications

Hardware	CE, RoHS, IEC/EN 62471

Warranty

Standard	2 years

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Specifications are subject to change without notice

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