| | | | | | |
|---|---|---|---|---|---|
| 1D & 2D | Android 7.1 | 7" screen | Megapixel | Touchscreen | USB |
| Micro SD | Camera | 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.

*Modules can only be ordered pre-mounted to the connector on the left or right side.*

# Suggested industries

| | | | | |
|---|---|---|---|---|
| Events | Hospitality | Manufacturing | Public Sector | Retail |

## 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 | 802.3af |

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| | |
|---|---|
| Audio | 82dB dual-channel stero sound speaker |
| Expansion Slot | Micro SD up to 128GB |
| Camera | Front pixel 5 million pixels (FixedFocus) |

### Environmental

| | |
|---|---|
| Operating Temperature | -10°C to 50°C (14°F to 122°F) |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Humidity | 5% to 90% (non-condensing) |

### 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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