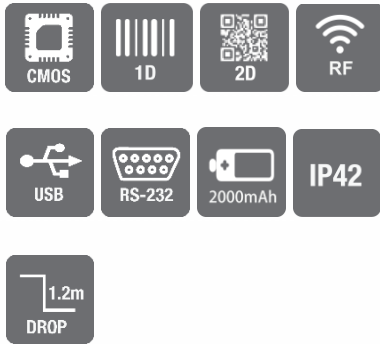




NLS-HR20-RF

Wireless 2D Barcode Scanner



Features

■ Superior Scanning Performance

The NLS-HR20-RF is equipped with Newland's third-generation decoder chip, making the capture of high-density, high-volume and distorted barcodes printed on paper or displayed on screen a breeze.

■ Rugged Durable Construction

Its rugged housing is sealed to IP42 standards for protection against dust and water and withstands drops from as high as 1.2m.

■ Exceptional Battery Life

In addition to a 2000mAh battery, the NLS-HR20-RF also comes with a low power mode that helps keep it alive longer.

■ Stylish Ergonomic Design

Blending ergonomics and aesthetics in its design, the NLS- HR20-RF not only ensures operator comfort and productivity for intensive hand-held scanning but also meets the aesthetic needs of the O2O era.

■ Convenient Reliable Wireless Communication

With 2.4GHz Radio Frequency technology, this scanner provides wireless convenience and the freedom of a smooth connection for up to a 50m range without tangled cables.

■ Plug and Play

Plug and play without any training or installation, simple pairing, and easy to use.

Application Scenarios

O2O (Online to Offline) payments, O2O gift card/e-voucher consumption check, retail chains, ticket/voucher management, office automation, etc.

Wireless 2D Barcode Scanner

| | | | |
|-----------------------------------|--|--|---|
| Performance | Image Sensor | 640x480 CMOS | |
| | Illumination | White LED | |
| | Aiming | Red LED | |
| | Symbologies | 2D | PDF417, QR Code, Data Matrix, Chinese Sensible Code. |
| | | 1D | Code 128, UCC/EAN-128, AIM 128, EAN-8, EAN-13, ISSN, ISBN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Industrial 25, Standard 25, Matrix 2 of 5, Codabar, Code 39, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand. |
| | Resolution* | ≥5mil | |
| | Typical Depth of Field* | EAN-13 | 45mm-200mm (13mil) |
| | | QR Code | 35mm-110mm (15mil) |
| | Scan Angle** | Roll: 360°, Pitch: ±50°, Skew: ±50° | |
| | Min. Symbol Contrast | 25% | |
| Field of View | Horizontal 45°; Vertical 34° | | |
| Mechanical/ Electrical | Interfaces | USB | |
| | Dimensions (LxWxH) | 100.1x71.2x155.3mm | |
| | Weight | 191.6g | |
| | Operating Voltage | 5VDC±10% | |
| | Notification | Beep, LED indicator | |
| Environmental | Operating Temperature | -20°C to 50°C (-4°F to 122°F) | |
| | Storage Temperature | -40°C to 70°C (-40°F to 158°F) | |
| | Humidity | 5%~95% (non-condensing) | |
| | ESD | ±8KV (air discharge); ±4KV (direct discharge) | |
| | Drop | 1.2m | |
| | Sealing | IP42 | |
| Wireless | Communication Modes | Real-time and Inventory modes | |
| | Radio Technology | 2.4 to 2.4835 GHz ISM Band, Radio Frequency technology | |
| | Communication Distance | ≥50m (in open space) | |
| | Flash Memory | 512KB | |
| | Battery | 2000mAh lithium-ion battery | |
| | Expected Battery Life | ≥12 hours of continuous operation | |
| | Expected Charge Time | 4.5-5.5 hours | |
| | Number of Scans | 15,000 scans per charge (30 scans per minute, wireless transmission) | |
| Accessories | USB cable | | |
| Certifications | FCC Part15 Class B, CE EMC Class B, RoHS | | |

*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland

**Test conditions: Scan Distance=(min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp;
2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.

Version:V1.2

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