**Newland**
*SCANNING MADE SIMPLE*

| | | | | |
|---|---|---|---|---|
| 1D | 2D | CMOS mega pixel | Laser Aimer | IR |
| DPM | IP42 | 1.8M DROP | USB | RS232 |

**HR42-SR Halibut**
handheld barcode scanner

# FEATURES

## Scan virtually any barcode.

Streamline and optimize your production line with the HR42-SR Halibut. Using advanced technology, the device enhances the scanning of virtually every 1D and 2D barcode printed on paper, plastic and metal, as well as a range of direct part marks (DPMs).

## Unrivaled performance.

With its megapixel camera, the HR42-SR Halibut raises the bar for handheld scanners. It is able to read small, dense barcodes and damaged barcodes faster and more accurately, ensuring maximum productivity no matter what.

## User-friendly aiming technology.

Designed with the end user in mind, the HR42-SR has a crisp and accurate laser aimer for point-and-shoot scanning.

## Rock-solid architecture.

Your employees can confidently use the HR42-SR Halibut all day everyday due to its drop resistant housing (1.8m). Designed for light industrial environments, the HR42-SR Halibut just works, even if they bump or drop it.

## Available with autosense stand as an accessory or as a SET.



*HR42-SR with autosense stand.*

## Application Scenarios

Light-industrial applications • including electronic assembly • production line • healthcare • postal and financial.

| Performance | Image Sensor | | 1280×960 CMOS |
|---|---|---|---|
| | Illumination | | White LED |
| | Aiming | | 650nm laser diode |
| | Symbologies | 2D | PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc. |
| | | Postal | USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc. |
| | | 1D | EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc. |
| | Resolution* | | ≥3mil |
| | Typical Depth of Field* | EAN-13 | 40mm-410mm |
| | | Code 39 | 110mm-250mm |
| | | PDF417 | 115mm-190mm |
| | | Data Matrix | 100mm-250mm |
| | | QR Code | 70mm-280mm |
| | Motion Tolerance* | | 2m/s |
| | Scan Angle** | | Pitch: ±50°, Roll: 360°, Skew: ±50° |
| | Field of View | | Horizontal 40.5°,  Vertical 30.4° |
| | Symbol Contrast* | | ≥25% |
| Mechanical/ Electrical | Interfaces | | RS-232, USB, PS/2 |
| | Dimensions | | 74.0(W)×115.0(D)×161.0(H)mm |
| | Weight | | 173g |
| | Notification | | Beep, LED indicator, vibration |
| | Rated Power Consumption | | 1251mW (typical) |
| | Operating Voltage | | 5VDC±5% |
| | Current@5VDC | Operating | 266mA (typical), 344mA (max.) |
| | | Standby | 109mA |
| Environmental | Operating Temperature | | -20℃ to 50℃ (-4°F to 122°F) |
| | Storage Temperature | | -40℃ to 70℃ (-40°F to 158°F) |
| | Humidity | | 5%~95% (non-condensing) |
| | ESD | | ±8 KV (contact discharge);  ±16 KV (air discharge) |
| | Drop | | 1.8m |
| | Sealing | | IP42 |
| Certifications | | | FCC Part15 Class B, CE EMC Class B |
| Accessories | Cable | USB | Used to connect the HR42 to a host device. |
| | | RS-232 | Used to connect the HR42 to a host device. |
| | Power Adapter | | DC5V power adapter to power the HR42 with RS-232 cable. Output: DC5V, 1.5A  Input: AC100-240V, 50-60Hz |

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

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

Specifications are subject to change without notice.

Version: V1.0