








# HR42 Halibut HD Corded

Industrial Handheld Scanners

 1.8m drop	 1D & 2D	 Acuscan	 Coiled cable	 DPM	 Dual Interface
 HD	 IP42	 Megapixel	 Nset	 Warranty 5 Years	



## Features

**Scan virtually any barcode.**  
Streamline and optimize your production line with the HR42 Halibut HD Corded. 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).

**Unrivalled performance.**  
With its megapixel camera, the HR42 Halibut HD Corded 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 Halibut HD Corded has a crisp and accurate laser aimer for point-and-shoot scanning.

**Rock-solid architecture.**  
Your employees can confidently use the Halibut HD Corded all day everyday due to its drop resistant housing (1.8m). Designed for light industrial environments, the Halibut gets the job done, even if they bump or drop it. Available with auto-sense stand for hands-free applications.

**Application scenarios.**  
Light-industrial applications, including electronic assembly, production line, healthcare, postal and financial.

5 Years Full Warranty



### TECHNICAL SPECIFICATIONS

## HR42 Halibut HD Corded

#### Data Capture

1D	All major 1D symbologies, including 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.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix, Aztec, Maxicode.
Aiming	Laser diode (650nm)
Depth of Field Code 39 (5mil)	50 mm - 100 mm
Depth of Field DataMatrix (10mil)	40 mm - 110 mm

Depth of Field EAN 13 (13mil)	25 mm - 155 mm
Depth of Field PDF417 (6.67mil)	40 mm - 105 mm
Depth of Field QR (15mil)	35 mm - 155 mm
Field of View Horizontal	40.5°
Field of View Vertical	30.4°
Illumination	White LED
Image Sensor	1280 x 960 CMOS
Minimal Print Contrast	25%
Motion Tolerance	2 m/s
Scan Angle Pitch	±50°
Scan Angle Roll	360°
Scan Angle Skew	±50°
Scan Modes	Sense Mode, Continuous Mode, Level Mode, Batch Mode
Scan Rate	60 frames per second

### Performance

Processor	DDR3, 800Mhz
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### Physical

Current @ 5VDC Operating	266 mA (typical), 344 mA (max)
Current @ 5VDC Standby	109 mA
Dimensions	115(W) × 74(D) × 161(H) mm
Housing	PC, ABS
Input Voltage	5 VDC ±5%
Interfaces	USB, RS-232
Notifications	Beep, LED
Power Consumption	1251 mW (typical)
Power Supply Input	5 VDC (1.5 A)
Power Supply Output	AC100 to 240 V (50 to 60 Hz)
Weight	173 g

### Environmental

Drop	1.8 m
Electro Static Discharge (ESD)	±8 kV (direct discharge), ±16 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP42
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

### Software

Configuration Tools	NSet
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### Certifications

Certifications Hardware	IEC 60825-1, CE EMC Class B, FCC Part15 Class B, RoHS, KC
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## Warranty

Warranty Standard

5 Years



### Newland AIDC EMEA

Feel free to contact us or a partner near you.  
[info@newland-id.com](mailto:info@newland-id.com) - [newland-id.com](http://newland-id.com)

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