



1D &
2D



DPM



HD



Megapixel



IP42



Dual
Interface



Coiled
cable



1.8M
drop



Acuscan



Nset



Warranty
5 Years



HR42 Halibut HD Coded

Handheld
Scanners

Features

Scan virtually any barcode.

Streamline and optimize your production line with the HR42 Halibut HD Coded. 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 Coded 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.

Halibut HD Coded has a crisp and accurate laser aimer for point-and-shoot scanning.

Rock-solid architecture.

Your employees can confidently use the Halibut HD Coded 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,

Suggested industries



Manufacturing



Healthcare

HR42 Halibut HD Coded Technical specifications

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.
Image Sensor	CMOS 1280×960
Aiming	650nm laser diode
Illumination	White LED
Scan Modes	Level Mode, Sense Mode, Continuous Mode, Batch Mode
Scan Rate	60 frames per second
Depth of Field EAN 13 (13mil)	25-155mm
Depth of Field Code 39 (5mil)	50-100mm
Depth of Field PDF417 (6.67mil)	40-105mm
Depth of Field DataMatrix (10mil)	40-110mm
Depth of Field QR (15mil)	35-155mm
Field of View Horizontal	40.5°
Field of View Vertical	30.4°
Scan Angle Roll	360°
Scan Angle Pitch	±50°
Scan Angle Skew	±50°
Minimal Print Contrast	25%
Motion Tolerance	2m/s

Performance	
Processor	DDR3,800Mhz

Physical	
Buttons	Trigger
Current @ 5VDC Operating	266mA (typical), 344mA (max.)
Current @ 5VDC Standby	109mA
Dimensions (mm)	115(L)×74(W)×161(H)mm
Input Voltage	5VDC±5%

HR42 Halibut HD Coded Technical specifications

Interfaces	RS-232, USB
Material	PC, ABS
Notifications	Beep, LED indicator
Power Consumption	1251mW (typical)
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz
Weight	173g

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)
Electro Static Discharge (ESD)	±8 KV (direct discharge); ±16 KV (air discharge)
Drop	1.8m
IP Rating	IP42

Software

Configuration Tools	Nset
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Certifications

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

Standard	5 years
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Newland AIDC EMEA

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Feel free to contact us or a partner near you

visit newland-id.com

Specifications are subject to change without notice

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