Newland
SCANNING MADE SIMPLE

1D & 2D | Megapixel | DPM | HD | Acuscan | Bluetooth 5.0

IP42 | 3200 mAh | Dual Interface | 1.8M drop | Nset | Warranty 3 Years

HR42 Halibut HD Bluetooth

Handheld Scanners

Features

Strong Wireless Connectivity.
The HR42 HD Halibut Bluetooth comes equipped with Bluetooth 5.0, giving you the freedom to scan barcodes up to 50 meters away from the cradle. Energy efficiency, quick data rate and easy pairing are just a few of the perks of this Bluetooth connection.

Extensive Capabilities.
In addition to excelling at scanning high density barcodes, the HR42 HD Halibut Bluetooth extends its data capture capabilities by also providing the added value of postal barcode decoding.

Superior Megapixel Performance.
Thanks to its 1280x960 pixel CMOS sensor, the HR42 HD Halibut Bluetooth easily captures high resolution images and brings the scanning performance to a whole new level.

Exceptional Aiming & Illumination.
Designed with the user in mind, the HR42 HD Halibut Bluetooth utilizes a highly visible laser aimer in order to achieve an accurate target. Along with the laser aiming capabilities, there is a flicker-free, soft white illumination to reduce fatigue during demanding activities.

IR Sensor.
Even when barcodes are presented 40cm away from the HR42 HD Halibut Bluetooth, the IR sensor is activated.

Rugged Industrial Construction.
Built for tough environments, the HR42 HD Halibut Bluetooth is built into an IP42 sealed and drop resistant (1.8M) housing.

Suggested industries

Healthcare | Industrial | Logistics | Warehousing

HR42 Halibut HD Bluetooth 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	1280×960 CMOS
Illumination	White LED
Aiming	650nm laser diode
Scan Modes	Automatic Batch, Manual Batch
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
Performance	
Memory Flash	900KB
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±50°
Scan Angle Skew	±50°
Field of View Horizontal	40.5°
Field of View Vertical	30.4°
Motion Tolerance	2m/s
Physical	
Dimensions (mm)	Scanner: 115.0(L)x74.0(W)x161.0(H)mm Cradle: 195.0(L)x82.5(W)x47.2(H)mm
Weight	Scanner: 230g Cradle: 146g
Interfaces	RS-232, USB
Battery Type	3200mAh lithium-ion battery
Expected Battery Life	≥ 14 hours of continuous operation, up to 30,000 scans per charge
Expected Charge Time	4 hours
Notifications	Beep, LED indicator
Power Consumption	2160mW (typical)
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

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Specifications are subject to change without notice

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HR42 Halibut HD Bluetooth Technical specifications

IP Rating	IP42
Wireless	
Radio Technology	2.4 to 2.2835 GHz ISM Band, Bluetooth 5.0, BLE
Wireless Distance (max.)	30m (in open space)
Communication Modes	Automatic Batch & Manual Batch modes
Software	
Configuration Tools	Nset
Certifications	
Hardware	FCC Part 15 Class B, CE EMC Class B
Warranty	
Standard	3 years

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