



1D & 2D



Megapixel



IP42



Coiled  
cable



Dual  
Interface



1.5m  
drop



EasySet



Warranty  
5 Years



**HR32 Marlin  
Coded**  
Handheld Scanners

## Features

### Megapixel camera.

The HR32 Marlin Coded is a barcode scanning powerhouse. No matter what type of barcode is presented, the megapixel camera allows users to scan 1D and 2D barcodes, including very small and high resolution codes, with impressive speed and ease.

### Durable Construction.

Users in retail setting will enjoy the strong exterior and drop resistance up to 1.5m. With an IP42 rating, the device is protected against water and dust.

### Superior ergonomics.

The HR32 Marlin Coded is the ideal solution for scan-intensive use in retail and logistics. The scanner fits

comfortably in any user's hand, reducing the fatigue of long-time operation.

### All-round scanning capability.

Whether you need a barcode scanner that can be used on paper or displayed on a screen, you'll be set with the HR32 Marlin Coded. The device delivers unmatched scanning performance for both conventional and emerging applications.

### Offered with a coiled cable.

### Foldable smart stand available.

It is possible to order a foldable smart stand as an accessory or as a set with the scanner.

## Suggested industries



Finance



Healthcare



Hospitality



Postal



Retail

# HR32 Marlin 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 x 800
Illumination	Red LED (625±10 nm) / White LED
Aiming	Green LED
Scan Modes	Trigger (Level, Pulse), Sense, Continuous Mode
Scan Rate	60 frames per second
Depth of Field EAN 13 (13mil)	45-510mm
Depth of Field Code 39 (5mil)	75-220mm
Depth of Field PDF417 (6.67mil)	70-215mm
Depth of Field Data Matrix (10mil)	50-220mm
Depth of Field QR (15mil)	20-330mm

## Performance

Processor	1GHz, X1500
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±55°
Scan Angle Skew	±55°
Field of View Horizontal	39°
Field of View Vertical	24°

## Physical

Dimensions (mm)	113.5(W) × 73.3(D) × 159.0(H)
Weight	162g
Material	PC, ABS
Buttons	Trigger
Interfaces	RS-232, USB
Notifications	Beep, LED indicator
Input Voltage	5VDC ± 5%
Current @ 5VDC Operating	238.2mA (typical), 260.5mA (max.)
Current @ 5VDC Standby	71.3mA
Power Consumption	1289.6mW (typical)
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz

## Environmental

Ambient Light	0 ~ 100000 lux (natural light)
---------------	--------------------------------

### Newland EMEA HQ

+31 (0) 345 87 00 33

[info@newland-id.com](mailto:info@newland-id.com)

[newland-id.com](http://newland-id.com)

Feel free to contact us or a partner near you

visit [newland-id.com/partners](http://newland-id.com/partners)

Specifications are subject to change without notice

© Newland EMEA 2022, all rights reserved

# HR32 Marlin Coded Technical specifications

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5%~95% (non-condensing)
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)
Drop	1.5m
IP Rating	IP42

## Software

Configuration Tools	EasySet
---------------------	---------

## Certifications

Hardware	CE, FCC, RoHS, IEC62471, KC
----------	-----------------------------

## Warranty

Standard	5 years
----------	---------

### Newland EMEA HQ

+31 (0) 345 87 00 33

[info@newland-id.com](mailto:info@newland-id.com)

[newland-id.com](http://newland-id.com)

Feel free to contact us or a partner near you

visit [newland-id.com/partners](http://newland-id.com/partners)

Specifications are subject to change without notice

© Newland EMEA 2022, all rights reserved