



1D & 2D



Megapixel



IP52



Dual  
Interface



1.5m  
drop



EasySet



Warranty  
5 Years



## HR33 Marlin Coded

Handheld Scanners

## Features

### Performance and Elegance

The HR33 Marlin boasts a stylish design that is not only well-balanced and comfortable to hold but also looks great. It is an example of Newland taking pride in matching performance with beauty.

### Adaptable to your needs.

The HR33 Marlin is the first in the portfolio to include advanced Scripting for programming intricate commands. Easyset is still available to those familiar with the program, but adding Scripting allows even finer detail, making the HR33 Marlin series the best in class.

### High Performance

The HR33 Marlin Coded has a laser aimer for accurate barcode scanning and a megapixel sensor to capture various types of barcodes, even if they are damaged or distorted. This makes it ideal for high-density workloads.

### Acuscan

Laser aiming with Acuscan is an optional feature that allows you to hone in on the code you want, even if barcodes are printed closely together.

### Hands-free Scanning

The HR33 Marlin Coded scanner offers various hands-free scanning stand options. The first option is the intelligent adjustable auto-sense stand, which can be adjusted from an upright position to a flat one, making it suitable for desktop and wall-mounted use. The second option is the gooseneck stand, which provides a flexible design to adjust to your preferred scanning distance and angle.

### Be confident with Newland

The HR33 Marlin's IP52 and 1.5m drop specification are backed up with a trustworthy 5-year warranty. Select the HR33 with confidence, knowing that Newland has created a scanner that's up for the job no matter the environment.



## Suggested industries



Retail



Hospitality



Finance



Healthcare



Postal

# HR33 Marlin Corded Technical specifications

## Data Capture

|                                   |                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D                                | Code 11, Code 128, Code39, GS1-128(UCC/ENA-128), AIM 128, ISBT 128,Codabar,Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved2 of 5, Matrix 2 of 5, Industrial 2 of 5, ITF-6, ITF-14, Standard 2 of 5,China Post 25, MSI-Plessey, Plessey, GS1Databar(RSS), Code 49, Code 16K. |
| 2D                                | PDF417,QR Code, Micro QR, Data Matrix, Aztec, Maxi Code, Chinese Sensible Code, GM Code, Micro PDF417, Code One                                                                                                                                                                                                  |
| OCR                               | Passport OCR, Chinese ID Card, China TravelPermit OCR                                                                                                                                                                                                                                                            |
| Image Sensor                      | 1280x800 CMOS                                                                                                                                                                                                                                                                                                    |
| Aiming                            | Cross laser                                                                                                                                                                                                                                                                                                      |
| Illumination                      | White LED                                                                                                                                                                                                                                                                                                        |
| Resolution                        | ≥3mil                                                                                                                                                                                                                                                                                                            |
| Depth of Field EAN 13 (13mil)     | 40mm-535mm                                                                                                                                                                                                                                                                                                       |
| Depth of Field Code 39 (5mil)     | 50mm-230mm                                                                                                                                                                                                                                                                                                       |
| Depth of Field PDF417 (6.7mil)    | 45mm-215mm                                                                                                                                                                                                                                                                                                       |
| Depth of Field DataMatrix (10mil) | 30mm-245mm                                                                                                                                                                                                                                                                                                       |
| Field of View                     | Horizontal 48° - Vertical 30°                                                                                                                                                                                                                                                                                    |
| Scan Angle                        | Roll 360° - Pitch ±60° - Skew ±60°                                                                                                                                                                                                                                                                               |
| Minimal Print Contrast            | 15%                                                                                                                                                                                                                                                                                                              |

## Physical

|                                |                                   |
|--------------------------------|-----------------------------------|
| Current @5VDC OperatingStandby | Operating281mA max, 129mA Standby |
| Dimensions (mm)                | 95×68×166mm                       |
| Input Voltage                  | 5V DC±5%                          |
| Interfaces                     | USB, RS232                        |
| Notifications                  | Beep, LED, vibration              |
| Weight                         | 140g                              |

## Environmental

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Operating Temperature          | -20°C to 60°C (-4°F to 140°F)                     |
| Storage Temperature            | -40 to 70°C (-40°F to 158°F)                      |
| Humidity                       | 5%~95% (non-condensing)                           |
| Electro Static Discharge (ESD) | ±8 KV (contact discharge); ±15 KV (air discharge) |
| Drop                           | 1.5m drops to concrete                            |
| IP Rating                      | IP52                                              |

## Accessories

|          |             |
|----------|-------------|
| Standard | USB Cable   |
| Optional | Smart stand |

## Certifications

|          |                                   |
|----------|-----------------------------------|
| Hardware | CE、FCC、RoHS 2.0、IEC62471、IEC60825 |
|----------|-----------------------------------|

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Specifications are subject to change without notice

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