



# HR33 Marlin AI Bluetooth White

Handscanner



## Features

### Easily replaceable battery.

The HR33 Marlin AI Bluetooth White offers over 12 hours of continuous use on a single charge. If the battery runs out, the compartment features a latch-release opening for convenient replacement without interrupting your tasks. Additionally, the low-battery indicator features two colors, providing a quick visual cue when it's time to change the battery. The new magnetic contact on the stand ensures easy connectivity and high reliability.

### High Connectivity.

The HR33 Marlin AI Bluetooth White scanner boasts Bluetooth 5.0 connectivity and can scan items within a range of 100 meters in open spaces. Whether you connect the communication and charging stand directly to a device via Bluetooth or use it with a dongle, the Marlin ensures a reliable wireless connection.

### AI-Powered Scanning Technology.

The HR33 Marlin AI White Series is equipped with Newland's UIMG and AI-Powered Barcode Detection scanning technologies. These advanced systems enable rapid, accurate, and reliable decoding of both 1D and 2D barcodes, even when damaged or distorted, and on reflective and curved surfaces. AI-powered devices use computer vision and self-learning to interpret barcodes accurately. They efficiently analyze images to detect, locate, and read barcodes. The HR33 Marlin AI White Series excels in challenging conditions, demonstrating advanced decoding performance and providing a reliable scanning solution that functions flawlessly in any situation.

### Scan & send or collect & send.

The HR33 Marlin AI Bluetooth White scanner features configurable modes that enable users to perform real-time scans and send data wirelessly. Additionally, it offers two types of offline storage for batch data sending. The scanner's memory can store thousands of codes, if necessary.

### Precision and Performance.

The HR33 Marlin AI Bluetooth White is a powerful barcode scanning device. It includes an LED aimer for precise barcode scanning and a megapixel sensor that can read various types of barcodes, including damaged or distorted ones. These capabilities make it well-suited for high-density workloads. Additionally, the Marlin White Series is equipped with advanced Optical Character Recognition (OCR) technology for efficient data recognition and supports Digimarc digital watermark technology, further enhancing scanning efficiency.

### Advanced Scripting.

The HR33 Marlin AI White Series scanner features Advanced Scripting, allowing users to customize and automate the scanner's behavior by writing scripts in the programming language, Lua. This capability enables users to control how the scanner processes and interprets barcode data. While EasySet remains available for those who prefer it, the addition of Advanced Scripting provides even greater detail and customization. As a result, the HR33 Marlin AI White Series is considered the best in its class.

### Be confident with Newland.

The HR33 Marlin AI White Series offers users confidence with an IP52 rating, a 1.8m drop specification, and a 5-year warranty. Newland AIDC EMEA presents a scanner that's up for the job, no matter the environment.

## TECHNICAL SPECIFICATIONS

## HR33 Marlin AI Bluetooth White

## Datenerfassung

|                                   |                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D                                | Code 11, Code 128, Code39, GS1-128(UCC/ENA-128), AIM 128, ISBT 128,Codabar, Code 93, UPC-A, UPC-E, Coupon, GSI Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, IT F-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, Dotcode, Digimarc                                                                                                                                                                                  |
| Zielen                            | LED                                                                                                                                                                                                                                                                                                                 |
| Schärfentiefe Code 39 (5mil)      | 30 mm - 270 mm                                                                                                                                                                                                                                                                                                      |
| Schärfentiefe Datenmatrix (10mil) | 20 mm - 245 mm                                                                                                                                                                                                                                                                                                      |
| Schärfentiefe EAN 13 (13 mil)     | 35 mm - 535 mm                                                                                                                                                                                                                                                                                                      |
| Schärfentiefe PDF417 (6.7mil)     | 35 mm - 215 mm                                                                                                                                                                                                                                                                                                      |
| Sichtfeld horizontal              | 48°                                                                                                                                                                                                                                                                                                                 |
| Sichtfeld vertikal                | 30°                                                                                                                                                                                                                                                                                                                 |
| Beleuchtung                       | Weiß LED                                                                                                                                                                                                                                                                                                            |
| Bildsensor                        | 1280 x 800 CMOS                                                                                                                                                                                                                                                                                                     |
| Minimaler Druckkontrast           | 15%                                                                                                                                                                                                                                                                                                                 |
| OCR                               | Default: Passport OCR,Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.                                                                                                                                                                                                |
| Auflösung                         | ≥3mil                                                                                                                                                                                                                                                                                                               |
| Scan-Winkelabstand                | ±60°                                                                                                                                                                                                                                                                                                                |
| Scan-Winkelrolle                  | 360°                                                                                                                                                                                                                                                                                                                |
| Scan-Winkelversatz                | ±65                                                                                                                                                                                                                                                                                                                 |

## Scanleistung

|                |                                     |
|----------------|-------------------------------------|
| Speicher-Flash | ≥16.384 Codeeinträge (über 60 Byte) |
|----------------|-------------------------------------|

## Physikalisch

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| Batterietyp            | 2,600 mAh lithium-ion                                               |
| Abmessungen (mm)       | Scanner: 117.5(L)×67.5(W)×144(H)mm; Cradle: 140(L)×90(W)×144.5(H)mm |
| Erwartete Akkulaufzeit | ≥15 hours of continuous operation (scan once per 6 seconds)         |
| Erwartete Ladezeit     | ≤6 hours                                                            |
| Gehäuse                | Antimikrobielle Beschichtung                                        |
| Eingangsspannung       | 5 VDC ±5 %                                                          |
| Schnittstellen         | USB-A, HID-POS, USB-CDC, USB-KBW                                    |
| Benachrichtigungen     | Piepton, LED, Vibration                                             |
| Gewicht                | Scanner: 210 g; Cradle: 340,5 g                                     |

## Kabellos

|                             |                             |
|-----------------------------|-----------------------------|
| Kommunikationsmodi          | Synchron, Asynchron, Stapel |
| Funktechnologie             | Bluetooth 5.0               |
| Drahtlose Entfernung (max.) | ≥100 m (in open space)      |

## Umwelt

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| Ladetemperatur                   | 0 °C bis 45 °C (32 °F bis 113 °F)                |
| Fallhöhe                         | 1.8m drops to concrete                           |
| Elektrostatische Entladung (ESD) | ±8 kV (Kontaktentladung), ±15 kV (Luftentladung) |
| Feuchtigkeit                     | 5 % bis 95 % (nicht kondensierend)               |
| IP-Bewertung                     | IP52                                             |
| Betriebstemperatur               | -20 °C bis 50 °C (-4 °F bis 122 °F)              |
| Lagertemperatur                  | -40 °C bis 70 °C (-40 °F bis 158 °F)             |

## Software

|                     |         |
|---------------------|---------|
| Konfigurationstools | EasySet |
|---------------------|---------|

## Zertifizierungen

|                           |                                                |
|---------------------------|------------------------------------------------|
| Zertifizierungen Hardware | FCC ID, RoHS 2.0, CE RED, IEC 60825, IEC 62471 |
|---------------------------|------------------------------------------------|

## Garantie

|                  |         |
|------------------|---------|
| Standardgarantie | 5 Jahre |
|------------------|---------|

## Zubehör

|                    |                                   |
|--------------------|-----------------------------------|
| Optionales Zubehör | Wandhalterung                     |
| Standardzubehör    | USB-Kabel, Ständer/Dockingstation |

## Was ist im Lieferumfang enthalten?

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| NLS-HR3300-V2-BT-W | HR33 Marlin AI Bluetooth Healthcare, Stand/docking station |
|--------------------|------------------------------------------------------------|

### Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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