



## HR33 Marlin AI Corded



## Features

### AI-Powered Scanning Technology.

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

### High Connectivity

The HR33 Marlin AI Bluetooth scanner features 5.0 Bluetooth connectivity and can scan items within a 100m range in open space. Whether you use the communication and charging stand directly with a device's Bluetooth or via a dongle, the HR33 Marlin AI BT provides a reliable wireless connection.

### High Performance

The HR33 Marlin AI Bluetooth barcode scanner features a laser aimer for accurate scanning and a megapixel sensor that reads various types of barcodes, including damaged or distorted ones. This makes the scanner particularly well-suited for high-density workloads. Additionally, the Marlin features advanced passport OCR capability for efficient data recognition and supports Digimarc digital watermark technology, enhancing scanning efficiency.

### Personalized Configuration

The HR33 Marlin AI includes the Advanced Scripting feature that enables users to customize and automate the scanner's behavior. 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.

### Scan & send or collect & send

The HR33 Marlin AI BT has configurable modes that allow the user to select a real-time scan and send via a wireless connection, or a choice of two types of offline storage and batch sending of the data. The scanner's memory allows for thousands of codes to be stored if needed.

### Be confident with Newland

The HR33 Marlin AI BT 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.

**5 Years Full  
Warranty**

**EasySet**

# HR33 Marlin AI Coded

## Считывание данных

|                                             |                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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, TLC-39, Dotcode, Digimarc                                                                                                                                                                          |
| Нацеливание                                 | Лазер                                                                                                                                                                                                                                                                                                               |
| Диапазоны декодирования Code 39 (5мил)      | 30 mm - 270 mm                                                                                                                                                                                                                                                                                                      |
| Диапазоны декодирования Data Matrix (10мил) | 20 mm - 245 mm                                                                                                                                                                                                                                                                                                      |
| Диапазоны декодирования EAN13 (13 мил)      | 35 mm - 535 mm                                                                                                                                                                                                                                                                                                      |
| Диапазоны декодирования PDF417 (6.7мил)     | 35 mm - 215 mm                                                                                                                                                                                                                                                                                                      |
| Горизонтальное поле обзора                  | 48°                                                                                                                                                                                                                                                                                                                 |
| Вертикальное поле обзора                    | 30°                                                                                                                                                                                                                                                                                                                 |
| Подсветка                                   | Белый светодиод                                                                                                                                                                                                                                                                                                     |
| Датчик сканера                              | 1280 x 800 CMOS                                                                                                                                                                                                                                                                                                     |
| Минимальный контраст печати                 | 15%                                                                                                                                                                                                                                                                                                                 |
| OCR                                         | Default: Passport OCR,Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.                                                                                                                                                                                                |
| Разрешение                                  | ≥3mil                                                                                                                                                                                                                                                                                                               |
| Наклон по вертикали                         | ±60°                                                                                                                                                                                                                                                                                                                |
| Боковой наклон                              | 360°                                                                                                                                                                                                                                                                                                                |
| Наклон по горизонтали                       | ±65°                                                                                                                                                                                                                                                                                                                |

## Производительность

|             |                                     |
|-------------|-------------------------------------|
| Флеш-память | ≥16 384 записи кода (более 60 байт) |
|-------------|-------------------------------------|

## Физические характеристики

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Тип батареи                   | 2,600 mAh lithium-ion battery                                     |
| Размеры (мм)                  | Scanner: 117,5 x 87,5 x 144 mm; Cradle: 140 x 90 x 144,5 mm       |
| Ожидаемый срок службы батареи | ≥5 hours of continuous operation (scan once per 6 seconds)        |
| Ожидаемое время зарядки       | ≥6 hours                                                          |
| Входное напряжение            | 5 В постоянного тока ±5 %                                         |
| Интерфейсы                    | USB-A, HID-POS, USB-CDC, USB-KBW, Дополнительный интерфейс RS-485 |
| Уведомления                   | Звуковой сигнал, LED, Вибрация                                    |
| Вес                           | Scanner: 210 g; Cradle 340,5 g                                    |

## Беспроводной

|                                        |                                 |
|----------------------------------------|---------------------------------|
| Режимы связи                           | Синхронный, Асинхронный, Партия |
| Радиотехнология                        | Bluetooth 5.0                   |
| Расстояние беспроводной работы (макс.) | ≥100m (in open space)           |

## Экологический

|                    |                                       |
|--------------------|---------------------------------------|
| Температура заряда | От 0 °C до 45 °C (от 32 °F до 113 °F) |
|--------------------|---------------------------------------|

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Устойчивость к падениям          | 1.8m drops to concrete                               |
| Электростатические разряды (ESD) | ±8 кВ (контактный разряд), ±15 кВ (воздушный разряд) |
| Влажность                        | От 5 % до 95 % (без конденсации)                     |
| Рейтинг IP                       | IP52                                                 |
| Рабочая температура              | от -20 °C до 50 °C (от -4 °F до 122 °F)              |
| Температура хранения             | от -40 °C до 70 °C (от -40 °F до 158 °F)             |

#### Программное обеспечение

|                       |         |
|-----------------------|---------|
| Инструменты настройки | EasySet |
|-----------------------|---------|

#### Гарантия

|                      |       |
|----------------------|-------|
| Стандартная гарантия | 5 лет |
|----------------------|-------|

#### Аксессуары

|                           |                                   |
|---------------------------|-----------------------------------|
| Дополнительные аксессуары | Зажим для настенного крепления    |
| Стандартные аксессуары    | USB-кабель, Подставка/док-станция |

#### 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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