1D & 2D | **Megapixel** | **IP52** | **Bluetooth 5.0** | **USB** | **2600 mAh**

1.5m drop | **EasySet** | **Warranty 5 Years** | **Advanced Scripting**

HR33 Marlin Bluetooth
Handheld Scanners

Features

Easily replaceable battery

The HR33 Marlin Bluetooth provides more than 12 hours of continuous use on a single charge. If the battery runs out, the compartment features a latch-release opening design to replace it easily without interrupting your tasks. Additionally, the low battery indicator comes in two different colors, providing a quick visual cue for when the battery needs to be changed. The new magnetic contact on the stand allows for easy connection and high reliability.

High Connectivity

The HR33 Marlin 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 BT provides a reliable wireless connection.

High Performance

The HR33 Marlin Corded 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.

Personalized Configuration

The HR33 Marlin is the first Bluetooth handheld 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.

Be confident with Newland.

The confidence in the new HR33 BT Marlin's IP52 and 1.5m drop specification means becoming the first to receive a 5-year warranty from Newland EMEA. Select the HR33 BT Marlin with confidence that Newland has created a scanner that's up for the job no matter the environment.

Scan & send or collect & send.

The HR33 BT Marlin 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.

Suggested industries

Retail | **Warehousing** | **Finance** | **Healthcare** | **Postal**

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, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, ITF,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 Travel Permit OCR
Image Sensor	1280x800 CMOS
Aiming	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 ±65°
Minimal Print Contrast	15%

Performance

Memory Flash	≥16,384code entries (above 60 bytes)

Physical

Battery Type	2600mAh lithium-ion battery
Dimensions (mm)	Scanner: 117,5x87,5x144mm
Dimensions (mm)	Cradle: 140x90x144,5mm
Expected Battery Life	≥15 hours of continuous operation (scan once per 6 seconds)
Expected Charge Time	≤6 hours (with power adapter)
Input Voltage	5V DC±5%
Interfaces	USB (Type A), support USB-KBW, USB-CDC, HID-POS
Notifications	Beep, LED, vibration
Weight	Cradle 340,5g - Scanner: 210g

Wireless

Radio Technology	Bluetooth 5.0
Wireless Distance (max.)	≥100m (in open space)
Communication Modes	Synchronous, asynchronous and batch mode

Environmental

Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-40 to 70°C (-40°F to 158°F)
Charge Temperature	0°C to 45°C (32°F to 113°F)

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Specifications are subject to change without notice

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Humidity	5%~95% (non-condensing)
Electro Static Discharge (ESD)	±8 KV (contact discharge); ±15 KV (air discharge)
Drop	Scanner: 1.5m drops to concrete (cradle: 1,2m)
IP Rating	IP52

Accessories

Standard	Charging cradle

Certifications

Hardware	CE Red、FCC ID、RoHS 2.0、IEC62471、IEC60825

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