



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

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, TLC-39, Dotcode, Digimarc
Zielen	Laser
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	Weiße 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)
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Physikalisch

Batterietyp	2,600 mAh lithium-ion battery
Abmessungen (mm)	Scanner: 117,5 x 87,5 x 144 mm; Cradle: 140 x 90 x 144,5 mm
Erwartete Akkulaufzeit	≥5 hours of continuous operation (scan once per 6 seconds)
Erwartete Ladezeit	≥6 hours
Eingangsspannung	5 VDC ±5 %
Schnittstellen	USB-A, HID-POS, USB-CDC, USB-KBW, Optional RS-485
Benachrichtigungen	Piepton, LED, Vibration
Gewicht	Scanner: 210 g; Cradle 340,5 g

Kabellos

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

Umwelt

Ladetemperatur	0 °C bis 45 °C (32 °F bis 113 °F)
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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
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Garantie

Standardgarantie	5 Jahre
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Zubehör

Optionales Zubehör	Wandhalterung
Standardzubehör	USB-Kabel, Ständer/Dockingstation

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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