



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

Capacità di decodifica

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 S, Matrix 2 of S, Industrial 2 of S, 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
Puntatore	Laser
Profondità di campo Code 39 (5mil)	30 mm - 270 mm
Profondità di campo Data Matrix (10mil)	20 mm - 245 mm
Profondità di campo EAN 13 (13 mil)	35 mm - 535 mm
Profondità di campo PDF417 (6.7mil)	35 mm - 215 mm
Campo di visuale orizzontale	48°
Campo di visuale verticale	30°
Illuminazione	LED bianco
Sensore immagine	1280x800 CMOS
Contrasto di stampa minimo	15%
OCR	Default: Passport OCR,Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.
Risoluzione	≥3mil
Angolo di scansione Pitch	±60°
Angolo di scansione Roll	360°
Angolo di scansione Skew	±65°

Prestazioni di lettura

Memoria Flash	≥16.384 voci di codice (superiori a 60 byte)
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Caratteristiche fisiche

Tipo di batteria	2,600 mAh lithium-ion battery
Dimensioni (mm)	Scanner: 117,5 x 87,5 x 144 mm; Cradle: 140 x 90 x 144,5 mm
Durata prevista della batteria	≥5 hours of continuous operation (scan once per 6 seconds)
Tempo di ricarica previsto	≥6 hours
Tensione in ingresso	5 V CC ±5%
Interfacce	USB-A, HID-POS, USB-CDC, USB-KBW, RS-485 opzionale
Notifiche	Segnale acustico, LED, Vibrazione
Peso	Scanner: 210 g; Cradle 340,5 g

Senza fili

Modalità di comunicazione	Sincrono, Asincrono, Lotto
Tecnologia radio	Bluetooth 5.0
Distanza wireless (Max.)	≥100m (in open space)

Ambientale

Temperatura di carica	Da 0 °C a 45 °C (da 32 °F a 113 °F)
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Caduta	1.8m drops to concrete
Scarica elettrostatica (ESD)	±8 kV (scarica da contatto), ±15 kV (scarica in aria)
Umidità	Da 5% a 95% (senza condensa)
Classificazione IP	IP52
Temperatura di esercizio	da -20 °C a 50 °C (da -4 °F a 122 °F)
Temperatura di stoccaggio	da -40 °C a 70 °C (da -40 °F a 158 °F)

Software

Tools per la configurazione	EasySet
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Garanzia

Garanzia standard	5 anni
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Accessori

Accessori opzionali	Clip per il montaggio a parete
Accessori standard	Cavo USB, Supporto/docking station

Newland AIDC EMEA

Feel free to contact us or a partner near you.

info@newland-id.com - newland-id.com

Specifications are subject to change without notice

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