



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

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Capture de données

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
Visueur	Laser
Profondeur de champ Code 39 (5mil)	30 mm - 270 mm
Profondeur de champ Data Matrix (10mil)	20 mm - 245 mm
Profondeur de champ EAN 13 (13 mil)	35 mm - 535 mm
Profondeur de champ PDF417 (6.7mil)	35 mm - 215 mm
Champ de vision horizontal	48°
Champ de vision vertical	30°
Éclairage	LED blanche
Capteur d'image	1280 x 800 CMOS
Contraste d'impression minimal	15%
OCR	Default: Passport OCR,Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.
Résolution	≥3mil
Angle de basculement de la lecture	±60°
Angle de rotation de la lecture	360°
Angle d'inclinaison de la lecture	±65°

Performance

Mémoire flash	≥ 16 384 entrées de code (supérieures à 60 octets)
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Caractéristiques physiques

Type de batterie	2,600 mAh lithium-ion battery
Dimensions (mm)	Scanner: 117,5 x 87,5 x 144 mm; Cradle: 140 x 90 x 144,5 mm
Durée de vie estimée de la batterie	≥5 hours of continuous operation (scan once per 6 seconds)
Temps de charge estimé	≥6 hours
Tension d'entrée	5 VCC ±5 %
Interfaces	USB-A, HID-POS, USB-CDC, USB-KBW, RS-485 en option
Notifications	Bip, LED, Vibration
Poids	Scanner: 210 g; Cradle 340,5 g

Sans fil

Modes de communication	Synchrone, Asynchrone, Lot
Technologie radio	Bluetooth 5.0
Distance sans fil (max.)	≥100m (in open space)

Environnement

Température de charge	0 °C à 45 °C (32 °F à 113 °F)
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Résistance aux chutes	1.8m drops to concrete
Décharge électrostatique (ESD)	±8 kV (décharge par contact), ±15 kV (décharge dans l'air)
Humidité	5 % à 95 % (sans condensation)
Indice de protection	IP52
Température de fonctionnement	de -20 °C à 50 °C (de -4 °F à 122 °F)
Température de stockage	de -40 °C à 70 °C (de -40 °F à 158 °F)

Logiciel

Outils de configuration	EasySet
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Garantie

Garantie standard	5 ans
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Accessoires

Accessoires en option	Clip de fixation murale
Accessoires standard	Câble USB, Support/station de recharge

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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