



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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Veri Yakalama

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
Hedefleme	Lazer
Alan Derinliği Code 39 (5mil)	30 mm - 270 mm
Alan Derinliği Data Matrix (10mil)	20 mm - 245 mm
Alan Derinliği EAN13 (13mil)	35 mm - 535 mm
Alan Derinliği PDF417 (6.7mil)	35 mm - 215 mm
Yatay Görüş Alanı	48°
Dikey Görüş Alanı	30°
Aydınlatma	Beyaz LED
Görüntü Sensörü	1280 x 800 CMOS
Minimum Baskı Kontrastı	15%
OCR	Default: Passport OCR,Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.
Çözünürlük	≥3mil
Tarama Açısı Aralığı	±60°
Tarama Yatış Açısı	360°
Verev Tarama Açısı	±65°

Performans

Flaş Bellek	≥16.384 kod girdisi (60 baytın üzerinde)
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Fiziksel

Pil Türü	2,600 mAh lithium-ion battery
Boyutlar (mm)	Scanner: 117,5 x 87,5 x 144 mm; Cradle: 140 x 90 x 144,5 mm
Beklenen Pil Ömrü	≥5 hours of continuous operation (scan once per 6 seconds)
Beklenen Şarj Süresi	≥6 hours
Giriş Gerilimi	5 VDC ±%5
Arayüzler	USB-A, HID-POS, USB-CDC, USB-KBW, İsteğe bağlı RS-485
Bildirimler	Bip sesi, LED, Titreşim
Ağırlık	Scanner: 210 g; Cradle 340,5 g

Kablosuz

Haberleşme Yöntemleri	Senkron, Asenkron, Toplu iş
Radio Teknolojisi	Bluetooth 5.0
Kablosuz Mesafesi (maks.)	≥100m (in open space)

Çevresel

Şarj sıcaklığı	0°C ila 45°C (32°F ila 113°F)
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Düşme	1.8m drops to concrete
Elektrostatik Deşarj (ESD)	±8 kV (temas deşarjı), ±15 kV (hava deşarjı)
Nem	%5 ila %95 (yoğuşmasız)
IP Sınıfı	IP52
Çalışma Sıcaklığı	-20 °C ile 50 °C (-4 °F ile 122 °F)
Depolama Sıcaklığı	-40 °C ile 70 °C (-40 °F ile 158 °F)

Yazılım

Yapılandırma Araçları	EasySet
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Garanti

Garanti Koşulları	5 yıl
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Aksesuarlar

Opsiyonel aksesuarlar	Duvara montaj klipsi
Standart aksesuarlar	USB kablosu, Stand/Yerleştirme istasyonu

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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