



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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Captura de datos

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
Puntero	Láser
Profundidad de campo Code 39 (5mil)	30 mm - 270 mm
Profundidad de campo Data Matrix (10mil)	20 mm - 245 mm
Profundidad de campo EAN 13 (13 mil)	35 mm - 535 mm
Profundidad de campo PDF417 (6.7mil)	35 mm - 215 mm
Campo de visión horizontal	48°
Campo de visión vertical	30°
Iluminación	LED blanco
Sensor de imagen	1280 x 800 CMOS
Contraste de impresión mínimo	15%
OCR	Default: Passport OCR,Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.
Resolución	≥3mil
Inclinación del ángulo de escaneado	±60°
Balanceo del ángulo de escaneado	360°
Sesgo del ángulo de escaneado	±65°

Rendimiento

Memoria flash	≥16 384 entradas de código (de más de 60 bytes)
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Físico

Tipo de batería	2,600 mAh lithium-ion battery
Dimensiones (mm)	Scanner: 117,5 x 87,5 x 144 mm; Cradle: 140 x 90 x 144,5 mm
Autonomía de la batería prevista	≥5 hours of continuous operation (scan once per 6 seconds)
Tiempo de carga previsto	≥6 hours
Tensión de entrada	5 V CC ±5 %
Interfaces	USB-A, HID-POS, USB-CDC, USB-KBW, RS-485 opcional
Notificaciones	Pitido, LED, Vibración
Peso	Scanner: 210 g; Cradle 340,5 g

Inalámbrico

Modos de comunicación	Sincrónico, Asíncrono, Lote
Tecnología de radio	Bluetooth 5.0
Distancia inalámbrica (máx.)	≥100m (in open space)

Medioambiental

Temperatura de carga	De 0 °C a 45 °C (de 32 °F a 113 °F)
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Caídas	1.8m drops to concrete
Descarga electrostática (ESD)	±8 kV (descarga por contacto), ±15 kV (descarga en aire)
Humedad	5 % al 95 % (sin condensación)
Grado de protección IP	IP52
Temperatura de funcionamiento	De -20 °C a 50 °C (de -4 °F a 122 °F)
Temperatura de almacenamiento	De -40 °C a 70 °C (de -40 °F a 158 °F)

Software

Herramientas de configuración	EasySet
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Garantía

Garantía estándar	5 años
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Accesorios

Accesorios opcionales	Soporte de pared
Accesorios estándar	Cable USB, Soporte/base de conexión