



HR33 Marlin Corded

General Purpose Handheld Scanners



Features

Performance and Elegance

The HR33 Marlin boasts a stylish design that is not only well-balanced and comfortable to hold but also looks great. It is an example of Newland taking pride in matching performance with beauty.

Adaptable to your needs.

The HR33 Marlin is the first in the portfolio to include advanced Scripting for programming intricate commands. 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.

High Performance

The HR33 Marlin Corded has a laser aimer for accurate barcode scanning and a megapixel sensor to capture various types of barcodes, even if they are damaged or distorted. This makes it ideal for high-density workloads.

Acuscan

Laser aiming with Acuscan is an optional feature that allows you to hone in on the code you want, even if barcodes are printed closely together.

Hands-free Scanning

The HR33 Marlin Corded scanner offers various hands-free scanning stand options. The first option is the intelligent adjustable auto-sense stand, which can be adjusted from an upright position to a flat one, making it suitable for desktop and wall-mounted use. The second option is the gooseneck stand, which provides a flexible design to adjust to your preferred scanning distance and angle.

Be confident with Newland

The HR33 Marlin's IP52 and 1.5m drop specification are backed up with a trustworthy 5-year warranty. Select the HR33 with confidence, knowing that Newland has created a scanner that's up for the job no matter the environment.

**5 Years Full
Warranty**

EasySet

TECHNICAL SPECIFICATIONS

HR33 Marlin Corded

Data Capture

1D	Code 11, Code 128, Code39, GS1-128(UCC/ENA-128), AIM 128, ISBT 128,Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, ITF-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, Dotcode
Aiming	Cross laser

Depth of Field Code 39 (5mil)	50 mm - 230 mm
Depth of Field DataMatrix (10mil)	30 mm - 245 mm
Depth of Field EAN 13 (13mil)	40 mm - 535 mm
Depth of Field PDF417 (6.7mil)	45 mm - 215 mm
Field of View Horizontal	48°
Field of View Vertical	30°
Illumination	White LED
Image Sensor	1280 x 800 CMOS
Minimal Print Contrast	15%
OCR	Passport OCR, Chinese ID Card, China Travel Permit OCR
Resolution	≥3mil
Scan Angle Pitch	±60°
Scan Angle Roll	360°
Scan Angle Skew	±60°

Physical

Current @ 5VDC Operating	281 mA (max)
Current @ 5VDC Standby	129 mA
Dimensions	117.5(L)×67.5(W)×144(H)mm
Input Voltage	5 VDC ±5%
Interfaces	RS-232, HID-POS, USB-CDC, USB-KBW
Notifications	Beep, LED, Vibration
Weight	140 g

Environmental

Drop	1.5 m
Electro Static Discharge (ESD)	±8 kV (contact discharge), ±15 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP52
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Software

Configuration Tools	EasySet
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Certifications

Certifications Hardware	FCC, RoHS 2.0, IEC 60825, IEC 62471, CE
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Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Standard	5 Years

Accessories

Accessories Optional	USB cable, USB-C cable, RS-232 cable, Wall mount clip, Smart adjustable stand, Smart gooseneck stand
Accessories Standard	USB cable, RS-232 cable

What's in the box?

NLS-HR3300-S5	HR33 Marlin, 3,5 meter coiled USB cable
NLS-HR3300-SA	HR33 Marlin, 3,5 meter coiled USB cable, Smart adjustable stand
NLS-HR3300-S8	HR33 Marlin, 2 meter RS-232 cable, Multiplug adapter

Accessories

Charging/Power	ADP100 Power Supply for HR, FR, and FM Series (ADP100)
Cables	CBL-0188U USB-C Cable for Handheld Scanners (CBL-0188U) CBL030UA USB Cable for HR12, HR32 and HR52 Series (CBL030UA) CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R) CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA) CBL128R Cable for Magellan Connection (CBL128R)
Peripherals	EX232 Remora (NLS-EX232-01)
Base Stations	NLS-STD-WM001 Wall Mount Clip for HR Series (NLS-STD-WM001) NLS-STD23-33-SA Smart Adjustable Stand for HR23 and HR33 Series (NLS-STD23-33-SA) NLS-STD30i Smart Gooseneck Stand for Handheld Scanners (NLS-STD30i)