



HR32 Marlin Bluetooth

General Purpose Handheld Scanners



Features

Fantastic Megapixel scan technology.

Equipped with a megapixel barcode scanner, the HR32 Marlin Bluetooth reads virtually all 1D or 2D barcode with better reading performance on long or truncated 1D codes, larger and high-density 2D codes. Complicated stacked 2D barcodes codes for emerging applications in track and trace are no issue for the HR32 Bluetooth.

Reliable Wireless Connection.

Adopting the latest Bluetooth 5.0 technology, the HR32 Marlin Bluetooth is able to maintain a strong, anti-interference connection to transmit data. Achieving communication distances of up to 50m, the Marlin is as at home in a tight localized workspace where wires are unwanted clutter, as it is to bridging wider gaps from a host to a scanner.

Seven scanners to one base station.

The Bluetooth 5.0 technology selected for the HR32 Marlin Bluetooth allows up to 7 scanners to be paired to a single base station, allowing coordinated scanning applications to transmit data a single host. This maximises available human resource without having to match up each scanner with a different PC, tablet or mobile computer.

Real time and batch.

The intelligence in the HR32 Marlin Bluetooth allows the user to move seamlessly from direct BT download to a host. When out of range, it can store captured codes and download them when back in range. With its large memory capacity, enabling storage of up to 15,000 standard EAN barcodes, the Marlin can set up to work as a pure data collector.

Configurable Illumination

The HR32 Marlin Bluetooth uses a combination of red and white light that can be used in tandem or independently of one another via the comprehensive user manual or via the software configuration tools.

Powerful Data Editing.

The HR32 Marlin Bluetooth is compatible with Newland's EasySet configuration software, allowing users to create the ideal configurations to match the Marlin's incredible scanning performance with their application requirements. It has complex data formatting options to match the ever increasing complexities demanded from 2D barcodes in practical applications.

3 Years Full
Warranty

 **EasySet**

TECHNICAL SPECIFICATIONS

HR32 Marlin Bluetooth

Data Capture

1D

All major 1D symbologies, including EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EAN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Posy 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM128, ISBT128

2D	All major 2D symbologies, including PDF417, MicroPDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode.
Aiming	Green LED
Depth of Field Code 39 (5mil)	85 mm - 220 mm
Depth of Field DataMatrix (10mil)	50 mm - 220 mm
Depth of Field EAN 13 (13mil)	50 mm - 495 mm
Depth of Field PDF417 (6.67mil)	70 mm - 215 mm
Depth of Field QR (15mil)	20 mm - 325 mm
Field of View Horizontal	39°
Field of View Vertical	24°
Illumination	White LED, Red LED
Image Sensor	1280 x 800 CMOS
Minimal Print Contrast	25%
Scan Angle Pitch	±55°
Scan Angle Roll	360°
Scan Angle Skew	±55°

Performance

Memory Flash	≥15000 pieces Code 128 (20 byte of each code 128)
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Physical

Battery Type	2400 mAh lithium-ion battery
Dimensions	113.5(W) x 73.3(D) x 159(H) mm
Expected Battery Life	≥12 hours of continuous operation (scan once per 6 seconds)
Expected Charge Time	≤4 hours
Input Voltage	5 VDC ±5%
Interfaces	RS-232, USB
Notifications	Beep, LED
Weight	217 g

Wireless

Communication Modes	Synchronous, Asynchronous, Batch
Radio Technology	Bluetooth 5.0
Wireless Distance (max.)	≥50 m (direct line of sight in open air)

Environmental

Drop	1.5 m
Drop with Cradle	1 m
Electro Static Discharge (ESD)	±8 kV (air discharge), ±4 kV (direct 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 Part15 Class B, CE EMC Class B
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Warranty

Warranty Standard	3 Years
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Accessories

Accessories Optional	RS-232 cable
Accessories Standard	Charging cradle, Adapter, USB cable