



HR32 Marlin Bluetooth

General Purpose Handheld Scanners

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|---|---|---|---|---|---|
|  |  |  |  |  |  |
| 1.5m drop | 1D & 2D | 2,400 mAh | Bluetooth 5.0 | Dual Interface | EasySet |
|  |  |  | | | |
| IP52 | Megapixel | Warranty 3 Years | | | |

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



TECHNICAL SPECIFICATIONS

HR32 Marlin Bluetooth

Data Capture

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|----|---|
| 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, AIM 128, ISBT 128. |
|----|---|

2D All major 2D symbologies, including PDF417, MicroPDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode.

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|-----------------------------------|--------------------|
| 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

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

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|-----------------------|---|
| 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 | USB, RS-232 |
| Notifications | Beep, LED |
| Weight | 217 g |

Wireless

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

Environmental

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| 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

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|---------------------|---------|
| Configuration Tools | EasySet |
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Certifications

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| Certifications Hardware | CE EMC Class B, FCC Part15 Class B |
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Warranty

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| Warranty Standard | 3 Years |
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Accessories

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