











# HR32 Marlin BT SD

General Purpose Handheld Scanners

-   
1.5m drop
-   
1D & 2D
-   
2,400 mAh
-   
Bluetooth 5.0
-   
CMOS
-   
IP52
-   
Megapixel
-   
USB

## Features

### Mega Pixel Scanning Technology

Equipped with a megapixel barcode scanner, the HR32 Marlin BT SD reads virtually all 1D or 2D barcodes in any condition. It has a better reading performance on reading long or truncated 1D codes or larger and more high-density 2D codes.

### Perfected for POS

The HR32 Marlin BT SD has a stand design for hands-free scanning, especially ideal for POS applications. Users can process smaller items without having to pick up the scanner. The scanner can then be picked up to use for more oversized items without dealing with cables.

### JPOS and OPOS Driver Support

When in HID-POS or Newland CDC mode, JPOS and OPOS drivers are supported via the dongle directly or the dongle, stand + USB cable combination.

### Supports the Workload

The 2400mAh battery, combined with the low power consumption of the HR32 Marlin BT SD and lower power Bluetooth 5.0, means a full charge can last over 12 hours. A charge from empty to full takes less than 4 hours.

### Fit for the job

With a 1.5m drop and IP52 rating, the HR32 Marlin BT SD can take a tumble from a high countertop or workbench onto hard floors with no problem. The IP52 is a high enough sealing for dirty and damp environments.

### Flexible Bluetooth Options

The HR32 Marlin BT SD has 3 Bluetooth options. When the dongle and charging station is connected, the scanner transmits data via the USB cable to the host. The dongle can also be removed and used in a spare USB port, and the Bluetooth on the scanner can be paired with a 3rd party Bluetooth on a host.

**3** Years Full Warranty



## TECHNICAL SPECIFICATIONS

# HR32 Marlin BT SD

### Data Capture

1D	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 Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM 128, ISBT 128.
2D	PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode, Code One.
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), 1MB
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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 (with power adapter)
Input Voltage	5 VDC ±5%
Interfaces	USB
Notifications	Beep, LED
Weight	217 g

### Wireless

Communication Modes	Synchronous, Asynchronous, Batch
Radio Technology	Bluetooth 5.0
Wireless Distance ( max.)	≥50 m/164ft (direct line of sight in open air)

### Environmental

Drop	1.5 m
Drop with Cradle	1.2 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 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

### Software

Configuration Tools	EasySet
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### Certifications

Certifications Hardware

CE EMC Class B, FCC Part 15 Class B, RoHS

### Warranty

Warranty Standard

3 Years

### Accessories

Accessories Standard

RS-232 cable



#### 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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