



FEATURES

Portable convenience with ZigBee.

The HR3290 CS Marlin is a cordless 2D handheld scanner that gives you the ability to roam more than 50 m away from its cradle. The device uses ZigBee technology to transform a docking station into a router. Each router adds 50 meters extra range, up to 3 routings possible per docking station.

Easy to carry around.

At just 252 grams, the HR3290 CS scanner is lightweight and easy to carry around, allowing for a wide variety of applications and user settings.

Worry-free durable design.

The HR3290 CS Marlin was created with heavy use and demanding environments in mind. With a sealing of IP54, the device is protected against dust and moisture and a drop resistance of 1.2m means it can withstand everyday drops and bumps. Additionally the scanner is equipped with an anti-slip handle and ruggedized head, making usage comfortable and worry-free.

Efficient and affordable.

Do not compromise power and efficiency for low cost. This versatile handheld scanner provides excellent value for money, scanning both 1D and 2D barcodes effortlessly.

Application Scenarios

Point of Sale / Retail • Warehouse • Inventory management • express delivery services • food traceability
 • electricity meter reading • inventory counting and healthcare.

HR3290 CS Marlin

wireless handheld scanner

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|----------------|--------------------------|------------------------------------|---|
| Performance | Image Sensor | | 752×480 CMOS |
| | Light Source | | 625±10 nm red LED |
| | Symbologies | 2D | PDF417, QR Code, Data Matrix, Chinese Sensible Code |
| | | 1D | Code 128, EAN 13, EAN 8, Code 39, UPC A, UPC E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc. |
| | Resolution | | ≥5mil |
| | Typical Depth of Field | UPC-A | 60mm-230mm (13mil) |
| | | Code 39 | 50mm-290mm (20mil) |
| | | PDF 417 | 60mm-140mm (6.67mil) |
| | | Data Matrix | 40mm-150mm (10mil) |
| | | QR Code | 30mm-250mm (20mil) |
| | Scan Angle | Pitch | ±55°@ 0°Roll and 0° Skew |
| | | Roll | 360°@ 0°Pitch and 0° Skew |
| | | Skew | ±55°@ 0°Roll and 0° Pitch |
| | Min. Symbol Contrast | | 25% |
| | Field of View | | Horizontal 42°; Vertical 27.5° |
| | Interfaces | | RS-232, USB |
| Physical | Dimensions (L×W×H) | Scanner | 113.5×73.0×159.0mm |
| | | Cradle | 195×82.5×47mm |
| | Weight | Scanner | 252g (battery included) |
| | | Cradle | 150g |
| | Power Adapter (optional) | | Output: DC5V, 1.5A Input: AC100~240V, 50~60Hz |
| Environmental | Operating Temperature | | -20°C to 50°C (-4°F to 122°F) |
| | Storage Temperature | | -20°C to 70°C (-4°F to 158°F) |
| | Humidity | | 5%~93% (non-condensing) |
| | ESD | Scanner | ±8 KV (contact discharge); ±15 KV (air discharge) |
| | | Cradle | ± 6 KV (contact discharge); ± 8 KV (air discharge) |
| | Drop | | 1.2m |
| | Sealing | | IP54 |
| Wireless | Communication Modes | | Synchronous, asynchronous and batch modes |
| | Radio Technology | | 2.4 to 2.4835 GHz ISM Band, Zigbee technology |
| | Communication Distance | | 50m |
| | Battery | | 2200mAh lithium-ion battery |
| | Expected Charge Time | | 4.5 hours |
| | Number of Scans | | 15,000 scans per charge (30 scans per minute, wireless transmission) |
| Certifications | | FCC Part15 Class B, CE EMC Class B | |

Specifications are subject to change without notice.

Version: V1.0

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