



HR3280 Marlin II
handheld scanners

Features

Megapixel camera.

The HR3280 Marlin II is a barcode scanning powerhouse. No matter what type of barcode is presented, the megapixel camera allows users to scan 1D and 2D barcodes, including very small and high density ones, with impressive speed and ease.

Durable Construction.

Users in retail setting will enjoy the strong exterior and drop resistance up to 1.5m. With an IP42 rating, the device is protected against water and dust.

Superior ergonomics.

The HR3280 Marlin II is the ideal solution for scan-intensive use in retail and logistics. The scanner fits comfortably in any user's hand, reducing the fatigue of long-time operation.

All-round scanning capability.

Whether you need a barcode scanner that can be used on paper or displayed on screen, you'll be set with the HR3280 Marlin II. The device delivers unmatched scanning performance for both conventional and emerging applications.

Offered with a coiled cable.

Foldable smart stand available.

It is possible to order a foldable smart stand as an accessory or as a SET with the scanner.

Application Scenarios



healthcare



hospitality



point of sale



retail

HR3280 Marlin II technical specifications

| | | |
|-----------------------|------------------------------------|---|
| Performance | Processor | 1GHz, X1500 |
| | Image Sensor | CMOS 1280 x 800 |
| | Illumination | Red LED (625±10 nm) / White LED |
| | Aiming | Green LED |
| | Depth of Field EAN13 (13mil) | 45-510mm |
| | Depth of Field CODE 39 (5mil) | 75-220mm |
| | Depth of Field PDF417 (6.67mil) | 70-215mm |
| | Depth of Field Data Matrix (10mil) | 50-220mm |
| | Depth of Field QR (15mil) | 20-330mm |
| | Minimal Print Contrast | 25% |
| | Scan Angle Roll | 360° |
| | Scan Angle Pitch | ±55° |
| | Scan Angle Skew | ±55° |
| | Field of View Horizontal | 39° |
| | Field of View Vertical | 24° |
| | Scan Modes | Trigger (Level, Pulse), Sense, Continuous Mode |
| | Scan Rate | 60 frames per second |
| | Data capture | 1D |
| 2D | | PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc. |
| Physical | Dimensions (mm) | 113.5(W) × 73.3(D) × 159.0(H) |
| | Weight | 162g |
| | Material | PC, ABS |
| | Buttons | Trigger |
| | Interfaces | RS-232, USB |
| | Notifications | Beep, LED indicator |
| | Input Voltage | 5VDC ± 5% |
| | Current @ 5VDC Operating | 238.2mA (typical), 260.5mA (max.) |
| | Current @ 5VDC Standby | 71.3mA |
| | Power Consumption | 1289.6mW (typical) |
| | Power Supply Input | DC5V, 1.5A |
| | Power Supply Output | AC100~240V, 50~60Hz |
| Environmental | Ambient Light | 0 ~ 100000 lux (natural light) |
| | Operating Temperature | -20°C to 60°C (-4°F to 140°F) |
| | Storage Temperature | -40°C to 70°C (-40°F to 158°F) |
| | Humidity | 5%~95% (non-condensing) |
| | Electro Static Discharge (ESD) | ±15 kV (air discharge), ±8 kV (direct discharge) |
| | Drop | 1.5m |
| | Sealing | IP42 |
| Accessories | Optional | USB Cable |
| | Standard | RS232 Cable, Adapter, Stand |
| Certifications | Certifications | CE, FCC, RoHS, IEC62471, KC |