



HR3280RU
Marlin II
handheld barcode scanner

FEATURES

EGAIS compliant.

The HR3280RU Marlin II has a custom designed algorithm & firmware optimised to read EGAIS PDF417 codes. Even the most damaged EGAIS codes can be read with a good result.

Megapixel camera.

The HR3280RU 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 HR3280RU 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 HR3280RU 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.



HR3280RU II Marlin with stand.

Application Scenarios

Point of Sale / retail • warehouse • inventory management • healthcare • ticket / voucher management
• office automation and more.

HR3280RU Marlin II

handheld barcode scanner

newland-id.com

| | | | | |
|-----------------------------------|------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Performance | Image Sensor | 1280×800 CMOS | | |
| | Illumination | Red LED/ White LED | | |
| | Aiming | Green LED | | |
| | Symbologies | 2D | PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc. | |
| | | Postal | USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc. | |
| | | 1D | EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc. | |
| | | | | |
| | Resolution* | ≥3mil | | |
| | Typical Depth of Field* | EAN-13 (13mil) | 45mm-510mm | |
| | | Code 39 (5mil) | 75mm-220mm | |
| | | PDF417 (6.7mil) | 70mm-215mm | |
| | | Data Matrix (10mil) | 50mm-220mm | |
| | | QR Code (15mil) | 20mm-330mm | |
| | Scan Angle** | Pitch: ±55°, Roll: 360°, Skew: ±55° | | |
| Field of View | Horizontal 39°, Vertical 24° | | | |
| Min. Symbol Contrast* | 25% | | | |
| Mechanical/ Electrical | Interfaces | RS-232, USB | | |
| | Dimensions | 113.5(W)×73.3(D)×159.0(H)mm | | |
| | Weight | 162g | | |
| | Notification | Beep, LED indicator | | |
| | Rated Power Consumption | 1289.6mW (typical) | | |
| | Operating Voltage | 5VDC±5% | | |
| | Current@5VDC | Operating | 238.2mA (typical), 260.5mA (max.) | |
| | | Standby | 71.3mA | |
| Environmental | 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) | | |
| | ESD | ±8 KV (direct discharge); ±15 KV (air discharge) | | |
| | Drop | 1.5m | | |
| | Sealing | IP42 | | |
| Certifications | FCC Part15 Class B, CE EMC Class B | | | |
| Accessories | Cable | USB | Used to connect the HR3280 to a host device. | |
| | | RS-232 | Used to connect the HR3280 to a host device. | |
| | Power Adapter | DC5V power adapter to power the HR3280 with RS-232 cable. | | |

*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

Version: V1.0

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp; 2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.

Newland EMEA HQ

+31 (0) 345 87 00 33
info@newland-id.com
newland-id.com

D-A-C-H

+49 (0) 6182 82916-16
info@newland-id.de

United Kingdom

+44 (0) 7771 631387
info@newland-id.co.uk

France

+39 (0) 345 8804096
france@newland-id.com

Russia

+31 (0) 345 87 00 33
russia@newland-id.com

Benelux

+31 (0) 345 87 00 33
benelux@newland-id.com

Turkey

+90 (0) 544 538 40 49
turkey@newland-id.com

Ibérica

+34 (0) 93 303 74 66
info@newland-id.es

Middle East

+39 (0) 345 8804096
middleeast@newland-id.com

Italy

+39 (0) 342 0562227
italy@newland-id.com

South Africa

Gauteng: +27 (0) 11 553 8010
Cape Town: +27 (0) 21 9140819
info@newland-id.co.za

Nordic & Baltic

+46 (0) 70 88 47 767
nordic@newland-id.com

Iran

+90 (0) 544 538 40 49
iran@newland-id.com