



**HR3280
Marlin II**
handheld barcode
scanner

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.



HR3280 Marlin II with stand.

Application Scenarios

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

HR3280 Marlin II

handheld barcode scanner

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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.

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