



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

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) 1442 212020
sales@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