



**HR3290 CS  
Marlin**  
wireless handheld  
scanner

## 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 applicatins 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