

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 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.

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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

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