Newland

HR3290 CS Marlin

Wireless Handheld Scanner

1D	2D	CMOS	Zigbee	USB
RS232	CHIP	IP54	1.2 M DROP	2200mHa

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.

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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