Newland
SCANNING MADE SIMPLE

1d	2d	cmos	chip	ip54	1.2m drop
zigbee	usb	rs232	2200 mah

CMOS

IP54

1.2M DROP

Zigbee

HR3290 CS Marlin Wireless
handheld scanners

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 ergonomic form with 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.

Application Scenarios

healthcare	hospitality	inventory	point of sale
retail	warehousing		

HR3290 CS Marlin Wireless technical specifications

Performance		
	Processor	0390Chip +MCU
	Image Sensor	CMOS 752*480
	Illumination	625±10 nm red LED
	Aiming	Green LED
	Depth of Field EAN13 (13mil)	60-230mm
	Depth of Field PDF417 (6.67mil)	60-140mm
	Depth of Field Data Matrix (10mil)	40-150mm
	Minimal Print Contrast	0.25
	Scan Angle Roll	360°
	Scan Angle Pitch	±55°
	Scan Angle Skew	±55°
	Field of View Horizontal	42°
	Field of View Vertical	27.5°
	Scan Modes	Manual Mode,Sense Mode,Continuous Mode
	Scan Rate	60 frames per second

Data capture		
	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.
	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code

Physical		
	Dimensions (mm)	Scanner:113.5×73.0×159.0mm Cradle:195×82.5×47mm
	Weight	Scanner:252g (including battery) Cradle:150g
	Material	PC, ABS
	Interfaces	RS-232, USB
	Battery Type	2200mAh lithium-ion battery
	Expected Charge Time	4.5 hours
	Notifications	Beep, LED indicator
	Input Voltage	5VDC±5%
	Power Supply Input	DC 5V, 500mA
	Power Supply Output	AC100 ~ 240V, 50~60Hz

Environmental		
	Operating Temperature	-20℃ to 50℃ (-4°F to 122°F)
	Storage Temperature	-20℃ to 70℃ (-4°F to 158°F)
	Humidity	5%~93% (non-condensing)
	Electro Static Discharge (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		
	Zigbee	√
	Communication Distance	50m (in open space)
	Communication Modes	Synchronous, asynchronous and batch modes

Accessories		
	Optional	RS232 Cable
	Standard	USB Cable,Adapter

Certifications		
	Certifications	FCC Part15 Class B， CE EMC Class B,KC

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