1D & 2D	CMOS	Zigbee	IP54	1.2M drop	Dual Interface
Chip	2200 mAh				

HR3290 CS Marlin Wireless
Handheld Scanners

DISCO

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.

Suggested industries

Healthcare   Retail

Data Capture

1D	All major 1D symbologies, including 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.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix, Chinese Sensible Code.
Image Sensor	CMOS 752*480
Aiming	Green LED
Illumination	625±10 nm red LED
Scan Modes	Manual Mode, Sense Mode, Continuous Mode
Scan Rate	60 frames per second
Depth of Field EAN 13 (13mil)	60-230mm
Depth of Field PDF417 (6.67mil)	60-140mm
Depth of Field DataMatrix (10mil)	40-150mm
Field of View Horizontal	42°
Field of View Vertical	27.5°
Scan Angle Roll	360°
Scan Angle Pitch	±55°
Scan Angle Skew	±55°
Minimal Print Contrast	25%

Performance

Processor	0390Chip+MCU

Physical

Battery Type	2200mAh lithium-ion battery
Dimensions (mm)	Scanner: 113.5(W)x73.3(D)x159.0(H)mm, Cradle:195×82.5×47mm
Expected Charge Time	4.5 hours
Input Voltage	5VDC ± 5%
Interfaces	RS-232, USB
Material	PC, ABS
Notifications	Beep, LED indicator
Power Supply Input	DC 5V, 500 mA
Power Supply Output	AC100 ~ 240V, 50~60Hz
Weight	Scanner:252g (including battery) Cradle:150g

Wireless

Zigbee	√
Wireless Distance (max.)	50m (in open space)
Communication Modes	Synchronous, asynchronous and batch modes

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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
IP Rating	IP54

Accessories

Standard	USB Cable, Adapter

Certifications

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

Warranty

Standard	3 years

Newland AIDC EMEA

Email address: info@newland-id.com

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