

Computer Peripheral and Supplies Ltd. 244 Soi Pattanakarn 53, Suanluang, Suanluang, Bangkok 10250 Thailand Tel : (66) 0-2322-9535, 0-2722-4040 Fax : (66) 0-2322-7990 www.cps.co.th • www.facebook.com/cps.co.th





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.

www.newland-id.com

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.

Newland EMEA HC +31 (0) 345 87 00 33 info@newland-id.com

Newland D-A-CH +49 (0) 6182 82916-16 info@newland-id.de

Newland France +31 (0) 345 87 00 33 france@newland-id.com Newland Benelux +31 (0) 345 87 00 33 benelux@newland-id.com

Newland Ibérica +34 (0) 93 303 74 66 info@newland-id.es

Newland Italy +39 (0) 342 056 2227 italy@newland-id.com Newland Nordic & Baltic +46 (0) 708 847 767 nordic@newland-id.com

Newland UK +44 (0) 1442 212 020 sales@newland-id.<u>co.uk</u>

Newland Russia +31 (0) 345 87 00 33 russia@newland-id.com Version: V1.0

Newland South Africa +27 (0) 11 553 8010 info@newland-id.co.za

Newland Middle East +31 (0) 345 87 00 33 middleeast@newland-id.com

Newland Turkey & Iran +90 (0) 544 538 40 49 turkey@newland-id.com iran@newland-id.com