



1D



Dual Interface



1.2M drop



CCD



Chip



IP42



Warranty
5 Years



HR10 Sardina
Handheld Scanners

Features

Delivers outstanding value.

Designed as an entry-level 1D barcode scanner, the HR10 Sardina provides excellent value for everyday use. The device is easy and comfortable to use and can stand up to everyday drops and bumps, making it a reliable investment.

Reduces the need for training.

Intuitive to use, the HR10 Sardina requires little to no set up or training. From the moment the device is taken out of the box, employees can comfortably use the device all day due to its light design, speed and simplicity. It is equipped with a fast and accurate Newland 1D scanning engine. The result? Aggressive linear barcode reading that eliminates delays in scan-intensive applications.

Built for the task at hand.

From barcodes printed on paper to barcodes displayed on a smartphone screen, the HR10 Sardina scans virtually all linear barcodes with ease. Its ability to read barcodes from a distance improves worker comfort when scanning larger boxes or out-of-reach products in a cart.

Foldable stand available.

A foldable stand is available either as an accessory or as a set that includes both the scanner and stand.

Application scenarios.

Retail chains, office automation, mail/parcel sorting, distribution.



Suggested industries



Healthcare



Hospitality



Postal



Public Sector



Retail

HR10 Sardina Technical specifications

Data Capture

1D	All major 1D symbologies, including EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey.
Image Sensor	Linear Imager
Illumination	Red LED (610nm~640nm)
Scan Modes	Trigger, Sense, Continuous Mode, Command Trigger Mode
Scan Rate	300 scans per second
Depth of Field EAN 13 (13mil)	52-595mm
Depth of Field Code 39 (5mil)	55-130mm
Field of View Horizontal	38.2°
Scan Angle Roll	30°
Scan Angle Pitch	±60°
Scan Angle Skew	±60°
Minimal Print Contrast	30%

Performance

Processor	0110 Chip
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Physical

Buttons	Trigger
Current @ 5VDC Operating	115±10mA
Current @ 5VDC Standby	14mA
Dimensions (mm)	101(L)×68(W)×145(H)mm
Input Voltage	5VDC±5%
Interfaces	RS-232, USB, PS/2
Material	PC, ABS
Notifications	Beep, LED indicator
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz
Weight	190g (USB cable included)

Environmental

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Humidity	5%~95% (non-condensing)
Electro Static Discharge (ESD)	±8 KV (contact discharge); ±10 KV (air discharge)
Drop	1.2m
IP Rating	IP42

Newland AIDC EMEA

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Feel free to contact us or a partner near you

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Specifications are subject to change without notice

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HR10 Sardina Technical specifications

Accessories

Standard	USB Cable
Optional	RS232 Cable,PS/2 Cable,Adapter

Certifications

Hardware	FCC Part15 Class B, CE EMC Class B, RoHS
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Warranty

Standard	5 years
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