



HR23 Dorada Corded

General Purpose Handheld Scanners



1.5m drop



1D & 2D



Advanced Scripting



CMOS



CPU



EasySet



GS1 Ready



IP52



Warranty 5 Years



Features

Outstanding Performance.

This new version of the Dorada scanner delivers exceptional scanning performance at an entry-level price. Improved decoding technology makes it the best scanner in terms of performance and value.

Comfortable and Balanced Design.

The HR23 Dorada is a modern and appealing scanner that is ergonomically designed to fit comfortably in the hand. Although lightweight to reduce user fatigue, the scanner feels sturdy and looks nice, making it an excellent all-round user experience.

Easyset

The Dorada series can be easily configured using Newland Easyset software. This tool, exclusively developed for Newland devices, allows users to change settings, clone devices, update firmware, and analyze scanned data.

Durable

Don't underestimate the robustness of the Dorada scanner. With an IP52 rating and a 1.5m drop spec, it is suitable for most applications that require a cabled barcode scanner.

Hands-free choices.

The HR23 Dorada offers various stands for hands-free scanning. The primary option is the adjustable Smart Stand, which can transition from an upright position to a flat layout. This adaptable stand is suitable for both desktop and wall-mounted options. Alternatively, there is a flexible gooseneck design available, which offers a graceful curve that adjusts effortlessly to your desired scanning distance and angle.

A trustworthy Guarantee.

With a 5-year guarantee, the HR23 Dorada offers added confidence for daily scanning.

5 Years Full Warranty



TECHNICAL SPECIFICATIONS

HR23 Dorada Corded

Data Capture

1D	Code 11, Code 128, Code 39, GS1-128(UCC/ENA-128), AIM 128, ISBT 128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, ITF-6, ITF-14, Standard 2 of 5, China Post 25, MSI-Plessey, Plessey, GS1Databar(RSS)
2D	PDF417, QR Code, Aztec, Data Matrix, Micro PDF417, Micro QR, MaxiCode
Aiming	Red LED
Depth of Field Code 39 (5mil)	50 mm - 120 mm

Depth of Field DataMatrix (10mil)	30 mm - 125 mm
Depth of Field EAN 13 (13mil)	50 mm - 280 mm
Depth of Field PDF417 (6.7mil)	40 mm - 120 mm
Field of View Horizontal	45°
Field of View Vertical	34°
Illumination	White LED
Image Sensor	640 x 480 CMOS
Minimal Print Contrast	20%
Resolution	≥3mil
Scan Angle Pitch	±60°
Scan Angle Roll	360°
Scan Angle Skew	±60°

Physical

Current @ 5VDC Operating	190 mA (typical), 200 mA (max)
Current @ 5VDC Standby	35 mA
Dimensions	117.5(L)×67.5(W)×144(H)mm
Input Voltage	5 VDC ±5%
Interfaces	RS-232, HID-POS, USB-CDC, USB-KBW
Notifications	Beep, LED, Vibration
Weight	137 g

Environmental

Drop	1.5 m
Electro Static Discharge (ESD)	±8 kV (contact discharge), ±15 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP52
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Software

Configuration Tools	EasySet
---------------------	---------

Certifications

Certifications Hardware	FCC, RoHS 2.0, IEC 62471, CE
-------------------------	------------------------------

Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Standard	5 Years

Accessories

Accessories Optional	USB cable, USB-C cable, RS-232 cable, Wall mount clip, Smart adjustable stand, Smart gooseneck stand
Accessories Standard	USB cable, RS-232 cable

What's in the box?

NLS-HR2300-S5	HR23 Dorada, 3,5 meter coiled USB cable
---------------	---

NLS-HR2300-SA	HR23 Dorada, 3,5 meter coiled USB cable, Smart adjustable stand
NLS-HR2300-S8	HR23 Dorada, 2 meter RS-232 cable, Multiplug adapter

Accessories

Charging/Power

ADP100 Power Supply for HR, FR, and FM Series (ADP100)

Cables

CBL017U RJ to USB-C Cable for HR, FR and FM Series (CBL017U)
 CBL030UA USB Cable for HR12, HR32 and HR52 Series (CBL030UA)
 CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R)
 CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA)
 CBL128R Cable for Magellan Connection (CBL128R)

Peripherals

EX232 Remora (NLS-EX232-01)

Base Stations

NLS-STD-WM001 Wall Mount Clip for HR Series (NLS-STD-WM001)
 NLS-STD23-33-SA Smart Adjustable Stand for HR23 and HR33 Series (NLS-STD23-33-SA)
 NLS-STD30i Smart Gooseneck Stand for Handheld Scanners (NLS-STD30i)