



1D & 2D



CPU



CMOS



IP52



1.5m  
drop



EasySet



Warranty  
5 Years



**HR23 Dorada  
Coded**  
Handheld Scanners

## 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.



## Suggested industries



Retail



Hospitality



Healthcare

# HR23 Dorada Coded Technical specifications

## Data Capture

|                                    |  |
|------------------------------------|--|
| 1D                                 | Code 11, Code 128, Code 39, GS1-128(UCCENA-128), AIM128, 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, GS1 Databar(RSS) |
| 2D                                 | PDF417, QR Code, Aztec, Data Matrix, MicroPDF417, MicroQR  |
| Image Sensor                       | 640x480 CMOS   |
| Aiming                             | Red LED  |
| Illumination                       | White LED  |
| Resolution                         | ≥3mil  |
| Depth of Field EAN 13 (13mil)      | 50mm-280mm   |
| Depth of Field Code 39 (5mil)      | 50mm-120mm   |
| Depth of Field PDF417 (6.7mil)     | 40mm-120mm   |
| Depth of Field Data Matrix (10mil) | 30mm-125mm   |
| Field of View                      | Horizontal 45°; Vertical 34°   |
| Scan Angle Roll                    | 360°   |
| Scan Angle Pitch                   | ±60°   |
| Scan Angle Skew                    | ±60°   |
| Minimum Print Contrast             | 20%  |

## Physical

|                          |  |
|--------------------------|--|
| Current @ 5VDC Operating | 190mA (typical), 200mA (max.)                          |
| Current @ 5VDC Standby   | 35mA   |
| Dimensions (mm)          | 95x68x161mm  |
| Input Voltage            | 5VDC ±5%   |
| Interfaces               | USB (Type A), support USB-KBW, USB-CDC, HID-POS, RS232 |
| Notifications            | Beep, LED, Vibration                                   |
| Weight                   | 137g   |

## Environmental

|                               |   |
|-------------------------------|---|
| Operating Temperature         | -20°C to 60°C (-4°F to 140°F)                     |
| Storage Temperature           | -40 to 70°C (-40°F to 158°F)                      |
| Humidity                      | 5%~95% (non-condensing)                           |
| Electrostatic Discharge (ESD) | ±8 KV (contact discharge); ±15 KV (air discharge) |
| Drop                          | 1.5m drops to concrete                            |
| IP Rating                     | IP52  |

## Accessories

|          |             |
|----------|-------------|
| Standard | USB cable   |
| Optional | Smart stand |

## Certifications

|          |                             |
|----------|-----------------------------|
| Hardware | CE, FCC, RoHS 2.0, IEC62471 |
|----------|-----------------------------|