

# HR22 Dorada II Bluetooth

General Purpose Handheld Scanners



 1.5m drop	 1D & 2D	 2,200 mAh	 Bluetooth 5.0	 CMOS	 CPU
 EasySet	 IP42	 Warranty 3 Years			

## Features

### Outstanding Performance.

At the heart of the HR22 Dorada II wireless handheld scanner is another example of Newland's excellent scanning with CPU decoding. Effortlessly capture high density, high volume and distorted barcodes printed on paper or displayed on screen.

### Reliable Bluetooth options.

Adopting the latest Bluetooth 5.0 technology, the HR22 Dorada II is able to maintain a wireless connection at distances up to 50 meters from the host device. The HR2280-BT Dorada also comes with a Bluetooth 5.0 direct connection dongle. The dongle and scanner connect automatically for a 1-2-1 secure wireless connection.

### Data capture.

The Dorada II can also work in batch mode to collect scanned data, to then transfer via Bluetooth, wireless dongle or via USB cable. the cable can connect the scanner to Easyset configuration software.

### Exceptional Battery Life.

With a 2200mAh battery, the HR22 Dorada II will run a comfortable 12 hours of continuous use. The provided USB cable allows for convenient charging.

### Durable construction.

The HR22 Dorada II has a more than suitable IP42 rating for its key applications and is drop resistant up to 1.5m. Its durable housing guarantees optimal protection, so falls from desktops and countertops are no issue.

**3** Years Full Warranty



## TECHNICAL SPECIFICATIONS

# HR22 Dorada II Bluetooth

### Data Capture

1D	All major 1D symbologies, including Code 11, Code 128, Code 39, GS1-128 (UCC/EAN 128), AIM 128, ISBT 128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-8, EAN-13, ISBN/ISSN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 25, ITF6, ITF-14, Standard 25, China Post 25, MSI Plessey, Plessey, GS1 Databar (RSS).
2D	All major 2D symbologies, including PDF417, Micro PDF417, Micro QR, QR Code, Data Matrix, Aztec.

Aiming	Red LED (625nm)
Depth of Field Code 39 (5mil)	45 mm - 115 mm
Depth of Field DataMatrix (10mil)	35 mm - 125 mm
Depth of Field EAN 13 (13mil)	45 mm - 260 mm
Depth of Field PDF417 (6.67mil)	50 mm - 120 mm
Depth of Field QR (15mil)	30 mm - 170 mm
Field of View Horizontal	42°
Field of View Vertical	34°
Illumination	White LED
Image Sensor	640 x 480 CMOS
Minimal Print Contrast	20%
Scan Angle Pitch	±60°
Scan Angle Roll	360°
Scan Angle Skew	±60°

### Performance

Memory Flash	1MB
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### Physical

Dimensions	145(W) × 101(D) × 68(H) mm
Expected Battery Life	≥12 hours of continuous operation (scan once per 6 seconds)
Expected Charge Time	≤5.5 hours (with power adapter)
Input Voltage	5 VDC ±5%
Interfaces	USB
Notifications	Beep, LED, Vibration
Weight	167 g

### Wireless

Communication Modes	Manual batch, Automatic batch, Synchronous
Radio Technology	Bluetooth 5.0
Wireless Distance ( max.)	≥50 m

### Environmental

Drop	1.5 m
Electro Static Discharge (ESD)	±8 kV (direct discharge), ±15 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP42
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
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### Certifications

Certifications Hardware	CE EMC Class B, FCC Part 15 Class B, IEC 62471, RoHS, BIS
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## Warranty

Warranty Standard

3 Years



### Newland AIDC EMEA

Feel free to contact us or a partner near you.  
[info@newland-id.com](mailto:info@newland-id.com) - [newland-id.com](http://newland-id.com)

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