













1D & 2D

Dual

CPU

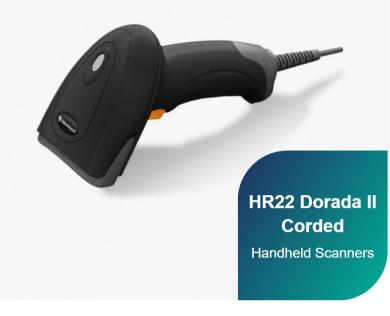
CMOS

**IP42** 

1.5m drop



EasySet Warranty 5 Years



### **Features**

## Supporting the step from 1D to 2D.

The HR22 Dorada II is specifically developed to provide a costeffective scanning solution that allows customers to enjoy the capabilities of a 2D scanner for a price that the market had previously expected of 1D-only scanners.

#### Neat design.

The handheld scanner has a clean design that is not out of place on a countertop. The adjustable stand, as well as saving space and keeping your workspace clutter-free, is attractive enough to sit alongside POS equipment in a customer facing environment.

### Aiming at the right code.

The HR22 Dorada II now uses white illumination so the red LED aimers can be even more clearly seen. Ensuring the scanner is correctly lining up the code, it adds an extra level of confidence to the user.

#### 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.

### CPU decoding for more codes and more control.

The Dorada II now uses Newland CPU processor decoding. The benefits of CPU-based decoding include improved configurations for data handling, as well as retaining additional flexibility to add more barcode symbologies. This includes Italian Pharma code found in pharmaceutical sales, as well as tracking and Aztec, common in airline boarding passes, ticketing and some retail loyalty.

#### Handsfree scanning.

The handheld scanner is autosense ready, meaning it can switch from trigger press to handsfree by docking the scanner in the adjustable stand. Scanner available with stand as a kit.

# Suggested industries







Healthcare

Hospitality



# HR22 Dorada II Corded Technical specifications

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.			
Image Sensor	640x480 CMOS			
Aiming	Red LED (625nm)			
Illumination	White LED			
Depth of Field EAN 13 (13mil)	50-260mm			
Depth of Field Code 39 (5mil)	50-115mm			
Depth of Field PDF417 (6.67mil)	50-120mm			
Depth of Field DataMatrix (10mil)	35-125mm			
Depth of Field QR (15mil)	30-170mm			
Field of View Horizontal	45°			
Field of View Vertical	34°			
Scan Angle Roll	360° (QR 15mil)			
Scan Angle Pitch	±55° (QR 15mil)			
Scan Angle Skew	±55° (QR 15mil)			
Minimal Print Contrast	20%			
Physical				
Current @ 5VDC Operating	190mA (typical), 201mA (max.)			
Current @ 5VDC Standby	35mA			
Dimensions (mm)	145×101×68			
Input Voltage	5VDC±5%			
Interfaces	RS-232, USB			
Notifications	Beep, LED indicator			
Power Consumption	950mW (typical)			
Weight	111g			
Environmental				
Operating Temperature	-20°C to 60°C (-4°F to 140°F)			
Storage Temperature	-40°C to 70°C (-40°F to 158°F)			
Humidity	5% to 95% (non-condensing)			
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)			
Drop	1.2m			
IP Rating	IP42			
Software				
Configuration Tools	EasySet			



+31 (0) 345 87 00 33

info@newland-id.com

newland-id.com

Feel free to contact us or a partner near you visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved



# HR22 Dorada II Corded Technical specifications

~	_	_4:	-		40	_	
				ca			

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

Warranty

Standard 5 years



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

newland-id.com

Feel free to contact us or a partner near you visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved

