








HR22 Dorada II

General Purpose Handheld Scanners

					
1.2m drop	1D & 2D	CMOS	CPU	Dual Interface	EasySet

	
IP42	Warranty 5 Years

Features

Supporting the step from 1D to 2D.

The HR22 Dorada II is specifically developed to provide a cost-effective 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.

5 Years Full Warranty



TECHNICAL SPECIFICATIONS

HR22 Dorada II

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)	50 mm - 115 mm
Depth of Field DataMatrix (10mil)	35 mm - 125 mm
Depth of Field EAN 13 (13mil)	50 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	45°
Field of View Vertical	34°
Illumination	White LED
Image Sensor	640 x 480 CMOS
Minimal Print Contrast	20%
Scan Angle Pitch	±55° (QR 15mil)
Scan Angle Roll	360° (QR 15mil)
Scan Angle Skew	±55° (QR 15mil)

Physical

Current @ 5VDC Operating	190 mA (typical), 201 mA (max)
Current @ 5VDC Standby	35 mA
Dimensions	145(W) × 101(D) × 68(H) mm
Input Voltage	5 VDC ±5%
Interfaces	USB, RS-232
Notifications	Beep, LED
Power Consumption	950 mW (typical)
Weight	111 g

Environmental

Ambient Light	0 to 100,000 lux
Drop	1.2 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 Part15 Class B, RoHS
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Warranty

Warranty Standard	5 Years
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Newland AIDC EMEA

Feel free to contact us or a partner near you.
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