



**HR22 Dorada II
Corded
Handheld Scanner**

Features

Supporting the step from 2D to 3D.

The HR22 Dorada II is specifically developed to provide a cost-effective scanning solution that allows customers to enjoy the capabilities of a 3D scanner for a price that the market had previously expected of 2D only scanners.

Fast design.

The handheld scanner has a sleek 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 aimer 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 sites, as well as tracking and Aztec, common in online learning portals, banking and some retail loyalty.

Handfree scanning.

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

Suggested industries



RETAIL



HOSPITALITY



RETAIL



HR22 Dorada II Coded Technical specifications

Performance

Image Sensor	640x480 CMOS
Resolution	600x450
Reading	Real Time (200ms)
Depth of Field (AN 12 (20mm))	30-200mm
Depth of Field (Code 1P (30mm))	30-215mm
Depth of Field (QR 417 (30mm))	30-220mm
Depth of Field (Data Matrix (30mm))	35-225mm
Depth of Field (QR (20mm))	30-210mm
Minimum Print Contrast	20%
Scan Angle (Roll)	340° (QR 1 line)
Scan Angle (Pitch)	22.5° (QR 15 line)
Scan Angle (Yaw)	±11° (QR 1 line)
Field of View (Horizontal)	40°
Field of View (Vertical)	34°

Data Capacity

2D :	48 images 1D capabilities, including Code 11, Code 128, Code 39, EAN-128 (UPC/EAN 128), AIM 128, POST 128, Codabar, Code 49, UPC-A, UPC-E, Crossbar, D10 Composite, EAN-8, EAN-13, ISBN/EAN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 25, ITF16, ITF 64, Standard 25, China Post 25, MSI Plessey, Plessey, GS1, Databar (EAN)
2D :	48 images 2D capabilities, including PDF417, Micro PDF417, Micro QR, QR Code, Data Matrix, Aztec

Physical

Dimensions (mm)	34.5x30x44
Weight	111g
Interface	RS-232C, USB
Barcode type	Barcode 1D/2D inclusive
Input Voltage	5VDC±5%
Current @ 5VDC Operating	100mA (typical), 300mA (max)
Current @ 5VDC Standby	25mA
Power Consumption	500mW (typical)

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	2% to 95% (non-condensing)
Shock (Half Sine) (1000g @ 10ms)	±25 MS (at discharge), all MS (at rest discharge)
Drop	1.5m
IP Rating	IP42

Software

Configuration Tools	Barcode
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Certification

Marking: FCC Part 15 Class B, CE EMC Class B

Warranty

Standard: 3 years