









HR22 Dorada II

Handscanner

					
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

Datenerfassung

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.

Zielen	Rote LED (625 nm)
Schärfentiefe Code 39 (5mil)	50 mm - 115 mm
Schärfentiefe Datenmatrix (10mil)	35 mm - 125 mm
Schärfentiefe EAN 13 (13 mil)	50 mm - 260 mm
Schärfentiefe PDF417 (6.67mil)	50 mm - 120 mm
Schärfentiefe QR (15mil)	30 mm - 170 mm
Sichtfeld horizontal	45°
Sichtfeld vertikal	34°
Beleuchtung	White LED
Bildsensor	640 x 480 CMOS
Minimaler Druckkontrast	20%
Scan-Winkelabstand	±55° (QR 15mil)
Scan-Winkelrolle	360° (QR 15mil)
Scan-Winkelversatz	±55° (QR 15mil)

Physikalisch

Strom bei 5 V DC Betrieb	190 mA (typical), 201 mA (max)
Strom bei 5 V DC Standby	35 mA
Abmessungen (mm)	145(W) × 101(D) × 68(H) mm
Eingangsspannung	5 VDC ±5 %
Schnittstellen	USB, RS-232
Benachrichtigungen	Piepton, LED
Stromverbrauch	950 mW (typical)
Gewicht	111 g

Umwelt

Umgebungslicht	0 bis 100.000 Lux
Fallhöhe	1.2 m
Elektrostatische Entladung (ESD)	±8 kV (direkte Entladung), ±15 kV (Luftentladung)
Feuchtigkeit	5 % bis 95 % (nicht kondensierend)
IP-Bewertung	IP42
Betriebstemperatur	-20 °C bis 60 °C (-4 °F bis 140 °F)
Lagertemperatur	-40 °C bis 70 °C (-40 °F bis 158 °F)

Software

Konfigurationstools	EasySet
---------------------	---------

Zertifizierungen

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

Garantie

Standardgarantie	5 Jahre
------------------	---------



Newland AIDC EMEA

Feel free to contact us or a partner near you.

info@newland-id.com - newland-id.com

Specifications are subject to change without notice

© Newland AIDC EMEA 2026 - All rights reserved