

# HR22 Dorada

## Handheld Barcode Scanner



## Features

### ◆ Cost-effective solution.

The HR22 Dorada is specifically developed to provide a cost-effective data capture solution that allows customers to enjoy the capabilities of a 2D scanner for the price of a 1D scanner. This without making any compromises on scan performance, ergonomics or design.

### ◆ Elegant appearance.

Blending ergonomics and aesthetics in its design, the HR22 Dorada ensures operator comfort and productivity for intensive hand-held scanning. The scanner is ideally suited for applications at the point-of-sale and O2O (Online2Offline).

### ◆ Outstanding performance.

Equipped with Newland's third-generation decoder chip, the HR22 Dorada can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on screen / mobile phones.

### ◆ Durable construction.

The HR22 Dorada has an IP42 rating and is drop resistant up to 1.2m. Its durable housing guarantees optimal protection.

## Application Scenarios

Point of Sale / retail, product traceability, track & trace, healthcare, inventory management, ticket / voucher management and general office automation.

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<b>Performance</b>	Image Sensor	640×480 CMOS		
	Symbologies	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000,050, 080, 100, 140)	
		1D	Code128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-DataBar™(RSS), (RSS-14, RSS-Limited, RSS-Expand)	
	Resolution	≥3mil		
	Typical Depth of Field	EAN-13	35mm-360mm(13mil)	
		Code 39	20mm-160mm(5mil)	
		PDF 417	20mm-110mm (6.67mil)	
		Data Matrix	15mm-100mm (10mil)	
		QR	15mm-150mm(15mil)	
	Scan Angle	Pitch	±60°@ 0°Roll and 0° Skew	
		Roll	360°@ 0°Pitch and 0° Skew	
		Skew	±55°@ 0°Roll and 0° Pitch	
	Min. Symbol Contrast	30%		
Interfaces	RS-232, USB			
<b>Physical</b>	Dimensions (L×W×H)	145×101×68mm		
	Weight	165g		
	Notification	Beep, LED indicator		
	Power Adaptor (optional)	Output: DC 5V, 1.5A    Input: AC 100~240V, 50~60Hz		
	Current	Maximum	<270mA	
		Operating	240mA	
		Standby	10mA	
<b>Environmental</b>	Operating Temperature	-20°C~55°C		
	Storage Temperature	-40°C~70°C		
	Humidity	5%~95% (non-condensing)		
	ESD	±8 KV (contact discharge); ±15 KV (air discharge)		
	Drop	1.2m		
	Sealing	IP42		
<b>Certification</b>	FCC Part15 Class B , CE EMC Class B			

\*Specifications are subject to change without notice.\*

Version: V1.0

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