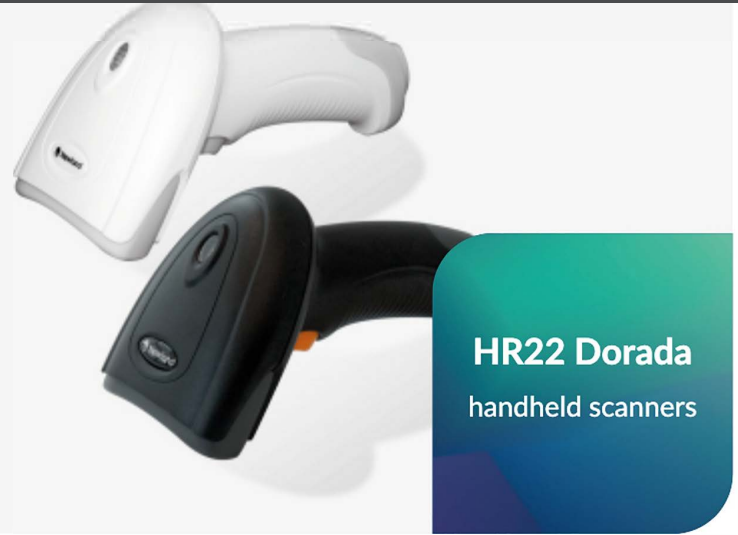
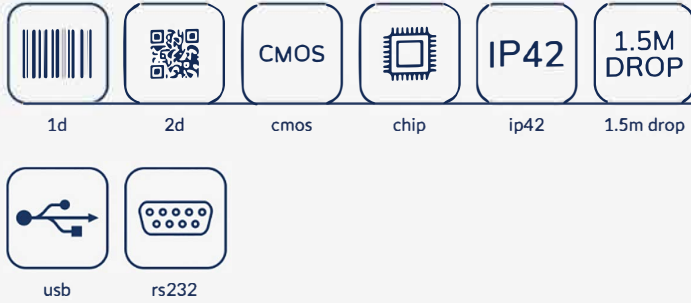


# HR22 Handheld Scanner



## Features

### Cost-effective.

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 1.5m. Its durable housing guarantees optimal protection.

### Application scenarios.

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



## Application Scenarios



healthcare



hospitality



point of sale



retail

# HR22 Dorada technical specifications

<b>Performance</b>	Processor	0390 Chip +MCU
	Image Sensor	E2 640*480
	Illumination	Red LED (625±10nm)
	Aiming	Red LED (625±10nm)
	Depth of Field EAN13 (13mil)	40-355mm
	Depth of Field CODE 39 (5mil)	28-155mm
	Depth of Field PDF417 (6.67mil)	28-95mm
	Depth of Field Data Matrix (10mil)	25-95mm
	Depth of Field QR (15mil)	25-150mm
	Minimal Print Contrast	25%
	Scan Angle Roll	360°
	Scan Angle Pitch	±60°
	Scan Angle Skew	±55°
	Field of View Horizontal	44°
	Field of View Vertical	33°
	Scan Modes	Trigger(Level,Pulse),Sense,Continuous Mode,Batch Mode
	Scan Rate	100 frames per second
<b>Data capture</b>	1D	Code 128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN,UPC-E, UPC-A, Interleaved 2 of 5, Febraban, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Code 32, Codabar, Code 93,Code 11, Plessey, MSI-Plessey, GS1-DataBarTM(RSS), (RSS-14,RSS-Limited, RSS-Expand)
	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000,050,080, 100, 140)
<b>Physical</b>	Dimensions (mm)	145×100×68mm
	Weight	165g
	Material	PC,ABS
	Buttons	Trigger
	Interfaces	RS-232, USB,PS2
	Notifications	Beep, LED indicator
	Input Voltage	5VDC±5%
	Current @ 5VDC Operating	140±15mA
	Current @ 5VDC Standby	14.3±2mA
	Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz	
<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°F)
	Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Humidity	5%~95% (non-condensing)
	Electro Static Discharge (ESD)	±8 KV (direct discharge); ±15 KV (air discharge)
	Drop	1.5m
	Sealing	IP42
<b>Accessories</b>	Optional	RS232 Cable,Adapter,Stand
	Standard	USB Cable
<b>Certifications</b>	Certifications	CE,FCC,RoHS,EN 62471