













1D & 2D CPU

Bluetooth

2200

**CMOS** 

IP42

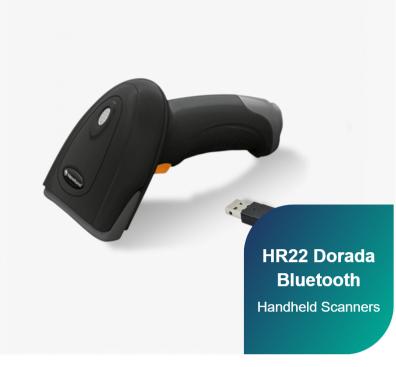




EasySet



Warranty 3 Years



# **Features**

### **Outstanding Performance.**

At the heart of the HR22 Dorada Bluetooth wireless handheld scanner is another example of Newland's excellent scanning with CPU decoding. Effortlessly capture high density, high volume and distorted barcodes printed on paper or displayed on screen.

#### Reliable Bluetooth Connection.

Adopting the latest Bluetooth 5.0 technology, the HR2280 Dorada Bluetooth is able to maintain a wireless connection at distances up to 50 meters from the host device.

#### Extra wireless choice.

The HR2280 Dorada comes with a 2.4ghz direct connection dongle. The dongle and scanner connect for a 1-2-1 secure wireless connection, enabling customers to have wireless communication, even if Bluetooth is not an option.

HR2280-BT can also work in batch mode to collect scanned data, to then transfer via Bluetooth, wireless dongle or via USB cable, the cable can connect the scanner to Easyset configuration software.

# **Exceptional Battery Life.**

With a 2200mAh battery, the HR2280 Dorada Bluetooth will run a comfortable 12 hours of continuous use. The provided USB cable allows for convenient charging.

### **Durable construction.**

The HR2280 Dorada Bluetooth 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.

# Suggested industries









Healthcare

Hospitality

Retail

# HR22 Dorada Bluetooth Technical specifications

### **Performance**

Image Sensor	640x480 CMOS
Illumination	White LED
Aiming	Red LED (625nm)
Depth of Field EAN 13 (13mil)	45-260mm
Depth of Field Code 39 (5mil)	45-115mm
Depth of Field PDF417 (6.67mil)	50-120mm
Depth of Field Data Matrix (10mil)	35-125mm
Depth of Field QR (15mil)	30-170mm
Minimal Print Contrast	20%
Scan Angle Roll	360°
Scan Angle Pitch	±60°
Scan Angle Skew	±60°
Field of View Horizontal	42°
Field of View Vertical	28°
Data Capture	
1D	All major 1D symbologies, including Code 11, Code 128, Code 39, GS1-128 (UCC/EAN 128), AIM 128, ISBT

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	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).

All major 2D symbologies, including PDF417, Micro PDF417, Micro QR, QR Code, Data Matrix, Aztec.

### **Physical**

Dimensions (mm)	145×101×68
Weight	167g
Interfaces	USB
Expected Battery Life	≥12 hours of continuous operation (scan once per 6 seconds)
Expected Charge Time	≤5.5 hours (with power adapter)
Notifications	Beep, LED indicator, vibration.
Input Voltage	5VDC±5%

### **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	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)
Drop	1.5m
IP Rating	IP42

### Wireless

WPAN RADIO Bluetooth 5.0/2.4G



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# HR22 Dorada Bluetooth Technical specifications

Wireless Distance (max.)	Bluetooth:≥50m; 2.4G:≥30m
Communication Modes	Synchronous mode, automatic batch mode and manual batch mode
Software	
Configuration Tools	EasySet
Certifications	
Hardware	FCC Part15 Class B, CE EMC Class B, RoHS, IEC62471, BIS
Warranty	
Standard	3 years



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