



1D & 2D



CPU



Bluetooth  
5.0



2200  
mAh



CMOS



IP42



1.5m  
drop



EasySet



Warranty  
3 Years



**HR22 Dorada  
Bluetooth**  
Handheld Scanners

## Features

### Outstanding Performance.

Equipped with an outstanding CPU, the HR22 Dorada Bluetooth wireless handheld scanner can effortlessly capture high density, high volume and distorted barcodes printed on paper or displayed on screen.

### Exceptional Battery Life.

With a 2200mAh battery, the HR22 Dorada Bluetooth will run a comfortable 12 hours of continuous use. The provided USB cable allows for convenient charging.

### Reliable Wireless Connection.

Adopting the latest Bluetooth 5.0 technology, the HR22 Dorada Bluetooth is able to maintain a wireless connection at distances up to 50 meters from the host device.

### Durable construction.

The HR22 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



Hospitality



Logistics



Retail



Warehousing

# 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 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.

## 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%

# HR22 Dorada Bluetooth Technical specifications

## 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
Wireless Distance (max.)	Bluetooth:≥50m; 2.4G:≥30m
Communication Modes	Synchronous mode, automatic batch mode and manual batch mode

## Software

Configuration Tools	EasySet
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## Certifications

Hardware	FCC Part15 Class B, CE EMC Class B, RoHS, IEC62471, BIS
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## Warranty

Standard	3 years
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