



1D & 2D



CMOS



Chip



IP42



1.2M
drop



Dual
Interface



HR21 Lotta
Handheld Scanners

DISCO

Features

Cost-effective Solution.

The HR21 Lotta provides a cost-effective data capture solution that allows customers to enjoy the capabilities of a 2D barcode scanner for the price of a 1D barcode scanner.

Elegant Appearance.

Blending ergonomics and aesthetics in its design, the HR21 Lotta not only ensures operator comfort and productivity for intensive handheld scanning, but also meets the aesthetic needs of the O2O era.

Enhanced Performance.

Equipped with Newland's third-generation decoder chip, the HR21 Lotta can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on screen.

Durable Construction.

The HR21 Lotta, built into an IP42-sealed and drop resistant (1.2 M) housing with no moving parts, fortifies itself inside and out.

Suggested industries



Retail

HR21 Lotta Technical specifications

Performance

Image Sensor	CMOS 640*480
Processor	1GHz,X1500
Illumination	White LED
Aiming	Red LED (625±10nm)
Depth of Field EAN 13 (13mil)	60-215mm
Depth of Field QR (15mil)	40-105mm
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±45°
Scan Angle Skew	±50°
Field of View Horizontal	45.6°
Field of View Vertical	34.2°
Scan Modes	Trigger(Level,Pulse), Sense, Continuous Mode
Scan Rate	60 frames per second

Data Capture

1D	All major 1D symbologies, including EAN-8, EAN-13, UPC-E, UPC-A, Code 128, UCC/EAN128, I2Of5, ITF14,ITF6, Matrix 25, CodaBar, Code 39, Code 93, ISSN, ISBN, Industrial 25,Standard 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K.
2D	All major 2D symbologies, including PDF417, QR Code, Micro QR, Data Matrix, Aztec, Maxicode,Chinese Sensible Code, GM Code, MicroPDF417, Code One.

Physical

Dimensions (mm)	145×101×68mm
Weight	115g
Material	PC,ABS
Buttons	Trigger
Interfaces	RS-232, USB,PS2
Notifications	Beep, LED indicator
Input Voltage	5VDC±5%
Current @ 5VDC Operating	165.8mA (typical), 170.2mA (max.)
Current @ 5VDC Standby	58.6mA
Power Consumption	794.2mW (typical)
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz

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%~95% (non-condensing)

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Specifications are subject to change without notice

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HR21 Lotta Technical specifications

Electro Static Discharge (ESD)	±8 KV (direct discharge); ±15 KV (air discharge)
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Drop	1.5m
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IP Rating	IP42
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Accessories

Standard	USB Cable
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Optional	RS232 Cable,Adapter,Stand
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Software

Configuration Tools	EasySet (configuration)
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Certifications

Hardware	CE,FCC,RoHS
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Warranty

Standard	5 years
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