

NLS-HR15

Hand-held Barcode Scanner

(NLS-HR1550-3E)

Support PDF417 & MicroPDF417



ZigBee

The NLS-HR1550-3E hand-held barcode scanner (cordless) is able to read 1D symbologies as well as PDF417 and MicroPDF417. This model adopts Zigbee technology to realize wireless communication and supports standard RS-232 / USB. With good performance, this rugged scanner is very suitable for applications in supermarkets, shopping malls and warehouse environment application, etc.

Product Features

- **Data Acquisition**
Support common 1D barcodes and PDF417 and MicroPDF417 stacked 2D barcode.
- **Operating Modes**
Data Transmission supports Synchronous, Asynchronous and Batch mode. Memory capacity for offline scanning is up to 4095 EAN-13 barcodes of 13mil.
- **Zigbee Wireless**
Zigbee technology, supporting long-distance communication up to 50m & easy networking to expand coverage
- **Super One Pair**
Cradle and scanner(s) can be paired one-to-one or one-to-many simply via the Match key on cradle. And the cradle is also able to seek the paired scanner(s) via the Match key.

Specifications

Performance		
Light Source	620nm Visible Red LED	
Image Sensor	Linear imager	
Symbologies	Code128, EAN-13, EAN-8, Code39,UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, UCC/EAN-128, GS1 Databar, PDF417(max. 255 bytes), MicroPDF417(max. 255 bytes), etc.	
Resolution	≥ 4mil	
Scan Angle**	Pitch	±55°@ 0°Roll and 0°Skew
	Roll	±30°@ 0°Pitch and 0°Skew
	Skew	±75°@ 0°Roll and 0°Pitch
Minimum Symbol Contrast	25%	
Scan Rate	300 scans per second	
Interface	RS-232, USB	
Mechanical		
Dimensions of Scanner(L x W x H)	113.5 x 73 x 159 mm	
Dimensions of Cradle(L x W x H)	195 x 82.5 x 47 mm	
Weight of Cordless Scanner	210 g (Including battery)	
Weight of Cradle	150 g	
Notification	Beep and LED indicator	
Power Adaptor	Output: DC5V, 1.5A Input: AC100~240V, 50~60Hz	
Environmental		
Operating Temperature	-10°C to 50°C (14°F to 122°F)	
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	
Humidity	5% ~ 95% (Non-condensing)	
Static Discharge	±12KV (Air discharge), ±8KV (Contact discharge)	
Sealing	IP54	
Wireless		
Operating Modes	Synchronous, Asynchronous and Batch modes	
Radio Technology	2.4 to 2.4835 GHz ISM Band, Zigbee technology	
Communication Distance	≥ 50 m	
Data Rate	20-250 KBps	
Battery	2200mAh Li-ion Battery	
Expected Hours of Operation	>17 hours	
Charging Time	Around 3.5 hours for full charge	
Number of Scans	60,000 scans per charge	
Certifications		

FCC Part15 Class B, CE EMC Class B

****Test conditions:**

Code 39, 3 Bytes; Resolution=10mil; W:N=2.5:1; PCS=0.8; Barcode Height=40mm; Scan Distance=210mm, T=23°C, Illumination= 200 LUX

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