NLS-HR15 Series

NLS-HR1550-3E

Cordless 1D Bar Code Scanner

Support PDF417 & MicroPDF417

ZigBee

NLS-HR1550-3E 1D hand-held bar code scanner is the cordless model of HR15 series, which is also able to read PDF417 and MicroPDF417 stacked 2D bar code. 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 MicroPDF417stacked 2D barcode.

● **Zigbee Wireless**
Zigbee technology, supporting long-distance communication up to 50m & easy networking to expand coverage

● **Operating Modes**
Data Transmission support Synchronous, Asynchronous and Batch mode. Offline Scanning up to 4095 EAN barcodes of 13mil.

● **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
Scan Pattern	CCD linear image
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, MicroPDF417 etc. (Cordless model reading PDF417/MicroPDF417data length is less than 255 bytes)
Resolution	≥ 4mil
Scan Angle	44°
Reading Angle	44°
Scan Rate	300 scans per second
Minimum Symbol Contrast	20%
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	150g
Reminder	Beep and LED indicator
Power Adaptor	Output: DC5V, ≥1.5A ,Input: AC 100~240V, 50~60Hz
Environmental	
Operation 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 (Direct discharge)
Sealing	IP54
Wireless	
Operating Modes	Synchronous, Asynchronous and Batchmode
Radio Technology	2.4 to 2.4835 GHz (ISM Band) frequency - Zigbee communication technology
Communication Range	≥ 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 Scan	60,000 scans per charge
Certificates	
FCC Part15 Class B, CE EMC Class B	

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