

NLS-HR15 Series

NLS-HR1550-3E

Cordless 1D Bar Code Scanner

Support PDF417 & MircoPDF417



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 bar codes and PDF417 and MicroPDF417 stacked 2D bar code.
- **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 bar codes 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/MicroPDF417 data length is less than 255 bytes) |
| Resolution | ≥ 4 mil |
| Scan Angle | 42° |
| Reading Angle | 42° |
| Scan Rate | 300 scans per second |
| Minimum Symbol Contrast | 20% |
| Reminder | Beep and LED indicator |
| Interface | RS-232, USB 1.1 |
| 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 |
| 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 | ±12 kV (Air discharge), ±8 kV (Direct discharge) |
| Drop | 1.5 m drop to concrete |
| Wireless | |
| Operating Modes | Synchronous, Asynchronous and Batch mode |
| Radio Technology | 2.4 to 2.4835 GHz (ISM Band) frequency - Zigbee communication technology |
| Communication Range | ≥ 50 m |
| Data Rate | 20 Kbps |
| Battery | 2200 mAh Li-ion Battery |
| Expected Hours of Operation | 17 hours |
| Charging Time | Around 4 hours for full charge |
| Number of Scan | 60,000 scans per charge |
| Certificates | |
| FCC Part15 Class B, CE EMC Class B, CCC | |