



HR1550 CE Wahoo

Wireless Handheld Barcode Scanner



Features

◆ **Powerful scanning performance.**

HR1550 CE wireless handheld barcode scanner 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.

◆ **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.

Application Scenarios

Supermarkets, shopping malls, warehouse management, retail management, food traceability, distributor management, manufacturing management, inventory counting and more.

HR1550 CE Wahoo

Wireless Handheld Barcode Scanner

| | | | |
|-----------------------------|-------------------------------------|--|---|
| 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. | |
| | Reading Precision | ≥4mil | |
| | Scan Angle | Pitch | ±55°@ 0°Roll and 0° Skew |
| | | Roll | ±30°@ 0°Pitch and 0° Skew |
| | | Skew | ±75°@ 0°Roll and 0° Pitch |
| | Min. Symbol Contrast | 15% | |
| | Interfaces | RS-232, USB | |
| | Physical | Dimensions Scanner (L×W×H) | 113.5×73×159mm |
| Dimensions Cradle (L×W×H) | | 195 x 82.5 x 47 mm | |
| Weight | | 210g (including battery) | |
| Weight of cradle | | 150g | |
| Notification | | Beep, LED indicator | |
| Power Adapter (optional) | | Output: DC 5V, 1.5A Input: AC 100~240V, 50~60Hz | |
| Environmental | | Operating Temperature | -10°C~50°C |
| | Storage Temperature | -20°C~60°C | |
| | Humidity | 5%~95% (non-condensing) | |
| | ESD | ±8 KV (contact discharge); ±12 KV (air discharge) | |
| | Drop | 1.5m | |
| | Sealing | IP52 | |
| | 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, Illumination= 200 LUX

Specifications are subject to change without notice.

Version: V1.0.2

Newland EMEA HQ
+31 (0) 345 87 00 33
info@newland-id.com

Newland D-A-CH
+49 (0) 6182 82916-16
info@newland-id.de

Newland France
+31 (0) 345 87 00 33
france@newland-id.com

Newland Benelux
+31 (0) 345 87 00 33
benelux@newland-id.com

Newland Ibérica
+34 (0) 93 303 74 66
info@newland-id.es

Newland Italy
+39 (0) 342 056 2227
italy@newland-id.com

Newland Nordic & Baltic
+46 (0) 708 847 767
nordic@newland-id.com

Newland UK
+44 (0) 1442 212 020
sales@newland-id.co.uk

Newland Russia
+31 (0) 345 87 00 33
russia@newland-id.com

Newland South Africa
+27 (0) 11 553 8010
info@newland-id.co.za

Newland Middle East
+31 (0) 345 87 00 33
middleeast@newland-id.com

Newland Turkey & Iran
+90 (0) 544 538 40 49
turkey@newland-id.com
iran@newland-id.com