



HR1550-CE
Wahoo
wireless handheld
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

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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

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