

HR2180

High Performance Wireless Hand-held 1D Barcode Scanner



A well-designed wireless hand-held scanner for 1D barcode scanning, suitable for various barcode scanning needs in retail, logistical and industrial applications.

Product Features

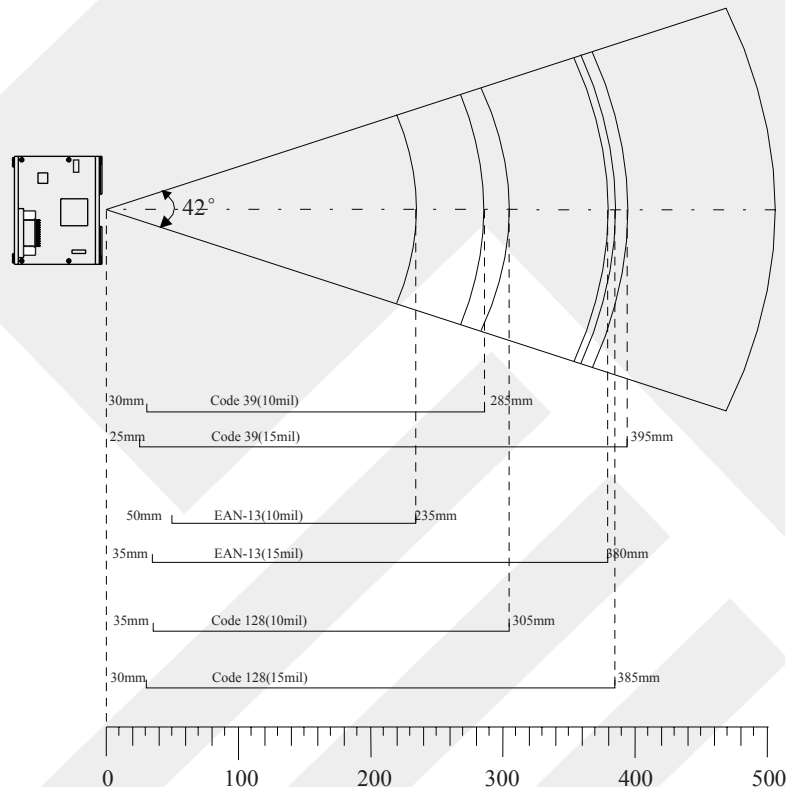
- **Durable and Easy to Operate**

This is well-designed, ergonomic and high-performance wireless hand-held CCD scanner can be used in various applications such as retail, logistics, office automation and many more.

- **Advanced Technology**

Includes core-technology **UIMG™**, which is independently designed and manufactured by Newland Auto-ID. **UIMG™** technology includes the optical, CMOS, digitizer, decoder, image processing & embedded systems. The scanner supports all global standard 1D barcode symbologies. Its' reading performance reaches and exceeds global standards. By using the accessories provided, the user can ideally set up the scanner to its user environment.

Depth of Field





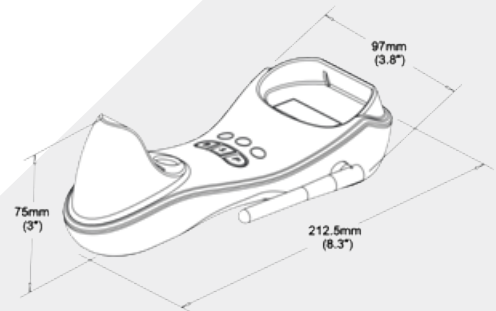
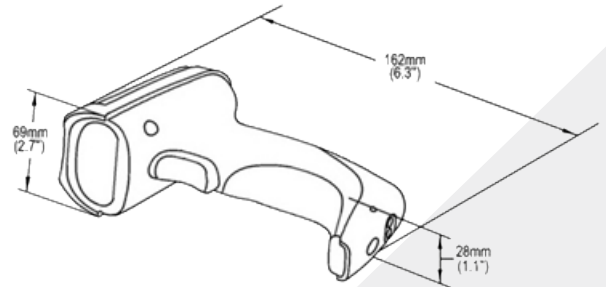
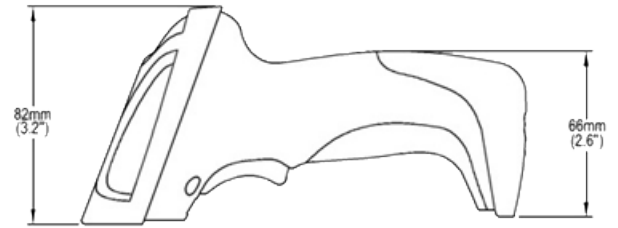
HR2180 Specifications

Performance		
Image Sensor	Linear CCD	
Resolving	2500	
Interface	RS232 / USB HID	
Operating Frequency	433MHz	
RF Protocol	LR-433-WPAN supporting up to 128 devices	
Working Range	up to 200 meters (open air)	
Response time	<0.1 sec. (1 cradle to 1 scanner) ~ 1 sec. (1-to-16)	
Symbologies	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, China post 25, Interleaved 2 of 5, ISBN/ISSN, Code 93, GS1 Databar, etc	
Precision	≥ 5mil	
Light Source	LED (622 nm - 628 nm)	
Light Intensity	330 LUX (130 mm)	
Depth of Scan Field	25 mm ~ 395 mm	
Print Contrast Signal	≥ 25%	
Roll	65°	
Pitch	30°	
Yaw	60°	
Illumination	0 ~ 100,000 LUX	
Mechanical/ Electrical		
	Cradle	Hand held unit
Power Consumption	1.65 W	
Voltage	DC 5 V	DC 5 V
Operating Current	150 mA	
	90 mA	
	12 mA	
Weight	189g	201g
Indicator	Visual	Visual and audio
Drop specs	1.2m onto concrete	1.2m onto concrete
Environment		
Operating Temperature	-5°C - +45°C	
Storage Temperature	-40°C - +60°C	
Humidity	5% - 95% (non-condensing)	
Certificates	FCC Part15 Class B, CE EMC Class B	

Accessories

Flex Cable	
Serial	This cable connect to the RS232 port of HR2280 cradle with a RJ45 port. With a standard female RS232 port to connect to standard male RS232 port.
USB	This cable connect to the USB Slave port of the HR2280 cradle with a USB B port. With a standard USB Slave port to connect to standard USB Host port.
Power	
ADP218	Power adapter for HR2180 cradle. Output: 5V DC, 1.4A; Input: 100~240V AC, 0.3A, 50~60Hz

Dimensions (Unit: mm)



Applicable Accessories

- [User Manual / Programming Guide](#)

A manual to explain the user the basics of the scanner and how to configure it. Furthermore, it enables the user to set the scanner to the specific wishes regarding scanning modes, readable barcodes and barcode formats.

