

NLS-HR200

Hand-held Barcode Scanner



A well-designed hand-held scanner for 1D and 2D barcode scanning, suitable for various bar code scanning needs.

Product Features

- **Durable and Easy to Operate**

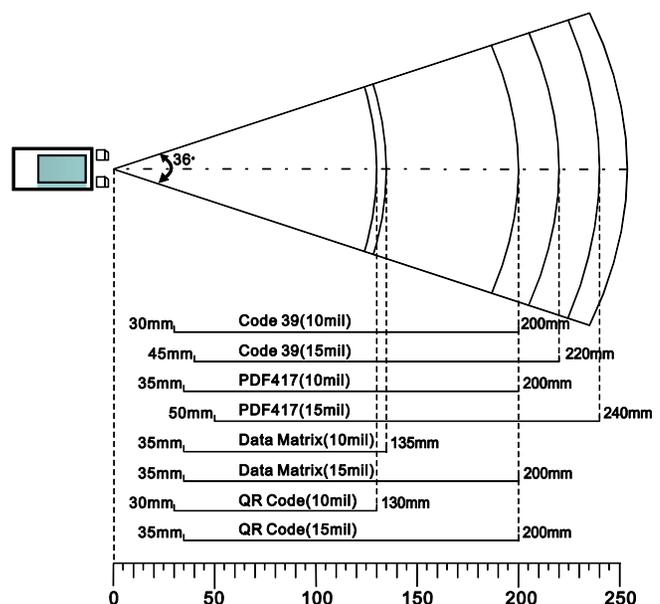
This well-designed, ergonomic and high-performance hand-held CMOS scanner can be used in various applications such as retail, logistics, office automation and many more.

- **Advanced Technology**

Includes core-technology **UIMG** which is independently designed and manufactured by Newland Auto-ID.

UIMG technology includes the optical, CMOS, CCD, digitizer, decoder, image processing & embedded systems. The scanner supports all global standard 1D barcode symbologies. Its reading performance exceeds global standards. By using the accessories provided, the user can ideally set up the scanner to its user environment.

Depth of Field



NLS-HR200 Specifications

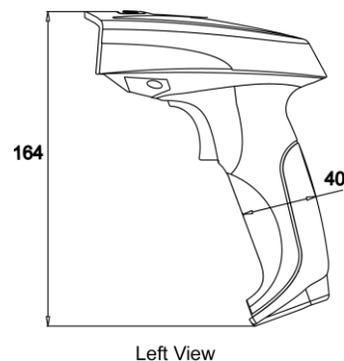
Performance	
Image Sensor	CMOS
Resolution	752 * 480
Interface	
	RS232 / HID-KBW / UDP / USB COM Port Emulation / HID-POS
Symbologies	
2D	PDF417, QR Code (Model 1/2), Data Matrix (ECC200, ECC000, 050, 080,100,140), Aztec, Maxicode, etc.
1D	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, GS1 Databar, etc
Precision	≥ 5mil
Light Source	LED(630 nm ± 10 nm)
Light Intensity	300 LUX (130 mm)
Depth of Scan Field	30 mm ~ 240 mm
Print Contrast Signal	≥ 30%
Pitch	360°@ 0°Pitch and 0° Skew
Sensitivity**	Roll ±55°@ 0°Roll and 0° Skew
	Skew ±60°@ 0°Roll and 0° Pitch
Illumination	0 ~ 100,000 LUX
Mechanical/ Electrical	
Power Consumption	1.65 W
Voltage	DC 5 V
Current	Max 330 mA
	Working 290 mA
	Idle 200 mA
Weight	250g
Environment	
Operate Temperature	-5°C - +45°C
Storage Temperature	-40°C - +60°C
Humidity	5% - 95% (non-condensing)
Certifications	
	FCC Part15 Class B, CE EMC Class B
Accessories	
Cable	RS232 Cable Equipped with a power connector; used to connect the NLS-HR200 to a host device.
	USB Cable Used to connect the NLS-HR200 to a host device.
Bracket	The bracket for HR200, the HR200 could be mounted in the bracket.
Power Adapter	Used to provide power for the HR200. Output: DC5V, 1.5A; Input: AC100~240V, 50~60HZ.

**Test Conditions:

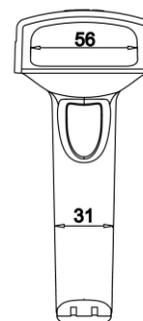
Code39: 3 Bytes ; Resolution = 10mil; W:N = 3:1 ; PCS = 0.8 ;

Barcode Height = 11mm; Distance = 120mm; T=23°C; Illumination= 200 LUX

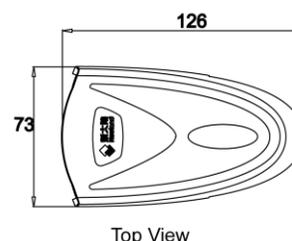
Dimensions (Unit: mm)



Left View



Front View



Top View

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