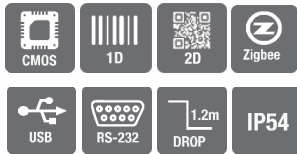




## NLS-HR3290

### Cordless 2D Barcode Scanner



#### Features

##### ■ UIMC® Technology

The state-of-the-art **UIMC®** technology gives the NLS-HR3290 an edge with enhanced decoding capabilities on 1D & 2D symbologies.

##### ■ Compact & Ergonomic Design

The NLS-HR3290 fits comfortably in any user's hands to reduce the fatigue of long-time operation, well suited for scan-intensive applications.

##### ■ Zigbee Wireless Communication

The use of Zigbee technology promises outstanding user experiences—up to 50m communication distance and easy networking to expand it, and three operating modes supported.

##### ■ Powerful Data Editing Capability

The scanner enables users to modify barcode data prior to transmission.

#### Application Scenarios

Manufacturing, warehousing, logistics, retail chains, express delivery services, food traceability, electricity meter reading, inventory counting, healthcare.

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## NLS-HR3290

SCANNING MADE SIMPLE

### Cordless 2D Barcode Scanner

Performance	Image Sensor	752x480 CMOS		
	Light Source	625±10 nm red LED		
	Symbologies	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code	
		1D	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.	
	Resolution	≥5mil		
	Typical Depth of Field	UPC-A	60mm-230mm (13mil)	
		Code 39	50mm-290mm (20mil)	
		PDF 417	60mm-140mm (6.67mil)	
		Data Matrix	40mm-150mm (10mil)	
		QR Code	30mm-250mm (20mil)	
	Scan Angle	Pitch	±55°@ 0°Roll and 0° Skew	
		Roll	360°@ 0°Pitch and 0° Skew	
		Skew	±55°@ 0°Roll and 0° Pitch	
Min. Symbol Contrast	25%			
Field of View	Horizontal 42°; Vertical 27.5°			
Interfaces	RS-232, USB			
Physical	Dimensions (LxWxH)	Scanner	113.5x73.0x159.0mm	
		Cradle	195x82.5x47mm	
	Weight	Scanner	252g (including battery)	
		Cradle	150g	
Power Adapter (optional)	Output: DC5V, 1.5A Input: AC100~240V, 50~60Hz			
Environmental	Operating Temperature	-20°C to 50°C (-4°F to 122°F)		
	Storage Temperature	-20°C to 70°C (-4°F to 158°F)		
	Humidity	5%~93% (non-condensing)		
	ESD	Scanner	±8 KV (contact discharge); ±15 KV (air discharge)	
		Cradle	± 6 KV (contact discharge); ± 8 KV (air discharge)	
	Drop	1.2m		
	Sealing	IP54		
Wireless	Communication Modes	Synchronous, asynchronous and batch modes		
	Radio Technology	2.4 to 2.4835 GHz ISM Band, Zigbee technology		
	Communication Distance	50m (in open space)		
	Battery	2200mAh lithium-ion battery		
	Expected Charge Time	4.5 hours		
	Number of Scans	15,000 scans per charge (30 scans per minute, wireless transmission)		
	Output Power	4.5 dBm (2.8 mW)		
Certifications	FCC Part15 Class B , CE EMC Class B			

\*Specifications are subject to change without notice.\*

Version: V1.0

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