

# NLS-HR3290

## Cordless 2D Barcode Scanner

- ◆ **UIMG<sup>®</sup>** Technology
- ◆ Zigbee Wireless Communication
- ◆ Powerful Data Editing Capability
- ◆ Compact & Ergonomic Design



### Features

#### ■ **UIMG<sup>®</sup>** Technology

The state-of-the-art **UIMG<sup>®</sup>** 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.

# NLS-HR3290

SCANNING MADE SIMPLE

## Cordless 2D Barcode Scanner

Performance	Image Sensor		752×480 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 (L×W×H)	Scanner	113.5×73.0×159.0mm	
		Cradle	195×82.5×47mm	
	Weight	Scanner	252g (battery included)	
		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	
	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)
Certifications			FCC Part15 Class B, CE EMC Class B	

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

Version: V1.0

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