

# NLS-NVF260

Fixed Mount DPM Barcode Scanner



## Features

### ■ Excellent DPM Decoding Capability

With the new generation of industrial decoding algorithm, it has strong decoding ability for DPM barcodes such as dot-peen barcodes.

### ■ Advanced Illumination System

Blue diffuse ring lights can avoid reflection of metal materials. It is efficient to scan barcodes on anodised aluminum, shiny chrome objects.

### ■ User-friendly Connectivity

The NLS-NVF260 can be powered and connected to a computer via USB port. The users can set the NLS-NVF260 without additional cables.

### ■ High-Resolution Image Sensor

Using 1280×800 megapixels image sensor, the scanner can decode 3mil barcodes. NVF260 has unparalleled performance on reading tiny and curved barcodes on medicine bottles, IV bags, syringes. Barcodes can be printed, laser cut, engraved or etched in different materials, shapes, background and colors.

### ■ Industrial-grade Protection

The NLS-NVF260, built into an IP64-sealed and can prevent the critical components from splashing water and dust. That ensures the scanner has a long-term reliable scanning performance.

### ■ Easy to Sanitize and Clean

Medical grade sterilized appearance prevents alcohol damage. It can be easily sanitized and cleaned for daily use in the hospitals.

## Application Scenarios

Medical devices management and traceability.

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<b>Performance</b>	Image Sensor	1280×800 CMOS	
	Illumination	Diffuse: Ring of blue LED	
	Symbologies	2D	QR Code, Data Matrix, PDF 417
		1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Code 128, Code 39, Codabar, UCC/EAN 128, AIM128, Interleaved 2 of 5, ITF-14, ITF-6, Standard 2 of 5, Matrix 2 of 5, COOP 25, Industrial 2 of 5, Plessey, MSI Plessey, Code 11, Code 93, ISBT128, Deutsche14, Deutsche12.
	Resolution*	≥3mil	
	Depth of Field	Data Matrix	0-20mm (6.7mil)
		Data Matrix	0-25mm (10mil)
		QR Code	0-30mm (10mil)
	Scan Angle**	Pitch: ±45°, Roll: 360°, Skew: ±45°	
	Field of View	Horizontal 32.7°, Vertical 20.7°	
Min. Symbol Contrast*	25%		
<b>Mechanical/</b>	Interfaces	USB	
	<b>Electrical</b>	Dimensions	Height: 100mm, Diameter: 65mm
Weight		332g	
Notification		Beep, LED indicator	
Rated Power Consumption		1275mW (typical)	
Operating Voltage		5VDC±5%	
Current@5VDC		Operating	230mA (typical), 255mA (max)
<b>Environmental</b>		Operating Temperature	-20°C to 60°C (-4°F to 140°F)
		Storage Temperature	-40°C to 70°C (-40°F to 158°F)
	Humidity	5%~95% (non-condensing)	
	ESD	±8 KV (direct discharge); ±15 KV (air discharge)	
	Drop	1.2m	
	Sealing	IP64	
<b>Certifications</b>	FCC Part15 Class B, CE EMC Class B, RoHS		

\*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

\*\*Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp; 2D QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.

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