



Newland AIDC
Scanning Made Simple



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.
- **Humanized Illumination Designation**
The HR3280-BT can be set white and red led according to different workplaces. Not only relieving the visual fatigue but also improving working efficiency.
- **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.



CMOS



1D Barcode



2D Barcode



USB



RS232

NLS-NVF260

Performance

Image Sensor		1280×800 (megapixel) CMOS
Illumination		Diffuse: Ring of blue LED
Symbologies	2D	QR Code, Data Matrix, PDF 417
	ID	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
Typical 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%

Physical

Interface		USB
Rated Power Consumption		1275mW (typical)
Operating Voltage		5VDC±5%
Current@5VDC	Operating	230mA (typical), 255mA (max)
Dimensions		Height: 100mm, Diameter: 65mm
Weight		332g
Notification		Beep, LED

Environmental

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/3.94ft.
Sealing		IP64

Certificates

Certificates & Protection	FCC Part15 Class B, CE EMC Class B, RoHS
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*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample printed barcodes made by Newland.

**Test conditions: Scan Distance= (min. DOF + max. DOF) / 2; T=23°C; Illumination=300lux using incandescent lamp;

ID: EAN-13 (13mil).

Specifications are subject to change without notice.

Version: V1.1

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