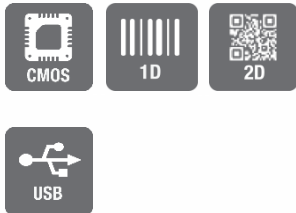


NLS-FR2080

Desktop Barcode Scanner



Features

■ Snappy On-screen Barcode Capture

Armed with Newland's fifth-generation of **UIMG®** technology, the NLS-FR2080 can decode 1D and 2D barcodes accurately and rapidly and is incredibly reader-friendly on smartphone & tablet displays.

■ Large Scan Window

The NLS-FR2080 provides a large scan window to further enhance the user experience.

■ Diffuse Illumination

The NLS-FR2080 offers a diffuse and extremely even illumination which closely resembles natural light to make it possible for rapid capture of barcodes on a screen at low brightness levels.

■ LED Indicator & Buzzer

The NLS-FR2080 uses both audible and visible indicators to notify users when it decodes a barcode, ensuring that users can easily keep track of scanner feedback and properly complete scans, saving valuable worker time.

■ Improved Sensibility

The NLS-FR2080 is able to speedily "sense" and decode barcodes that are presented to it, markedly increasing throughput and productivity.

Application Scenarios

Barcode-based payment, group purchase verification, customer service desks.

Desktop Barcode Scanner

Performance	Image Sensor		640×480 CMOS
	Illumination		White LED
	Symbologies	2D	PDF417, Data Matrix, QR Code, Micro QR Code, Aztec.
		1D	EAN-8, EAN-13, UPC-A, UPC-E, ISSN, ISBN, Codabar, Standard 2 of 5, Code 128, Code93, ITF-6, ITF-14, GS1 Databar, MSI-Plessey, Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 11, Plessey, etc.
	Resolution*		>5mil
	Scan Window		82mm×64mm
	Scan Angle**		Pitch: ±50°, Roll: 360°, Skew: ±50°
	Screen Brightness		≥15%
	Field of View		Horizontal 69.5°, Vertical 54.8°
	Symbol Contrast*		>30%
Mechanical/	Interfaces		USB
Electrical	Dimensions		100.3(W)×120.3(D)×102.8(H)mm
	Weight		296g
	Notification		Beep, LED indicator
	Rated Power Consumption		837.3mW
	Operating Voltage		5VDC±5%
	Current@5VDC	Operating	118.4mA (typical), 174.5mA (max.)
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 (air discharge); ±4 KV (direct discharge)
Certifications			FCC Part15 Class B, CE EMC Class B, RoHS
Accessories	Cable	USB	Used to connect the NLS-FR2080 to a host device.

*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.

Version: V1.0

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