

NLS-FR40 (NLS-FR40XX-3X)

Fixed Mount Barcode Scanner

- ✦ Quick to Switch Mode
- ✦ Superior Motion Tolerance
- ✦ IP50-Rated Sealing
- ✦ Superb Reading Performance
- ✦ 1.2m Drop Resistance
- ✦ IR Trigger



Features

○ Quick to Switch Mode

The Scan Mode Switch at the top of the scanner allows users to swiftly toggle between the Regular and Screen modes.

○ Superior Motion Tolerance

Exceptional motion tolerance (2.5m/s) and large FOV (46°) enhance user experience.

○ IP50-Rated Sealing

An IP50-rated seal renders the scanner impervious to dust, water and other contaminant.

○ Superb Reading Performance

Armed with Newland's fifth-generation of **UIMG®** technology, the NLS-FR40 is capable of reading 1D as well as high-volume 2D barcodes on the screen covered with protective film.

○ 1.2m Drop Resistance

The scanner withstands multiple 1.2m drops to concrete (for six sides, one drop per side).

○ IR Trigger

The IR sensor in the scanner enables speedy capture of barcodes presented to it, markedly increasing throughput and productivity.

Application Scenarios

POS, customer service desk, ticket validators, O2O.

Fixed Mount Barcode Scanner

Performance	Image Sensor		CMOS	
	Pixels		752*480 CMOS	
	Symbologies	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code, etc.	
		1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.	
	Resolution		≥5mil	
	Motion Tolerance		2.5m/s	
	Scan Angle	Pitch	±60°@ 0°Roll and 0° Skew	
		Roll	±360°@ 0°Pitch and 0° Skew	
		Skew	±55°@ 0°Roll and 0° Pitch	
	Symbol Contrast		≥25%	
	Interface		RS-232, USB	
Physical	Dimensions (L×W×H)		83×81×148mm	
	Weight		292g	
	Notification		Beep, LED indicator	
	Current	Operating	150mA	
		Standby	120mA	
Environmental	Operating Temperature		-20°C~50°C	
	Storage Temperature		-40°C~70°C	
	Humidity		5%~95% (non-condensing)	
	ESD		±14 kV(air discharge),±8 kV(direct discharge)	
	Drop		1.2m drops to concrete (for six sides, one drop per side)	
	Sealing		IP50	
Certifications		FCC Part15 Class B , CE EMC Class B		
Accessories	Cable	USB	Used to connect the NLS-FR40 to a host device.	
		RS-232	Equipped with a power connector; used to connect the NLS-FR40 to a host device.	
	Power Adaptor		Used to provide power for the NLS-FR40. Output: DC5V,1.5A; Input: AC100~240V, 50~60Hz	

*Specifications are subject to change without notice.

*Version: V1.0

Newland China
+86-400-608-0591
marketing@nlsan.com

Newland Europe
+31(0)-345-87-0033
info@newland-id.com

Newland Taiwan
+886-2-7731-5388
info@newland-id.com.tw

Newland North America
+1-510-490-3888
info@newlandna.com