

# NLS-FR4060-3X

## Desktop Barcode Scanner

- ◆ Quick to Switch Mode
- ◆ Superior Reading Performance
- ◆ Superior Motion Tolerance
- ◆ 1.2m Drop Resistance
- ◆ IP50-rated Sealing
- ◆ IR Trigger



## Features

### ■ Quick to Switch Mode

The 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 and other contaminant.

### ■ Superb Reading Performance

Armed with Newland's fifth-generation of **UIMG**<sup>®</sup> technology, the scanner 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 terminals, customer service desk, ticket validators.

# NLS-FR4060-3X

## Desktop Barcode Scanner

<b>Performance</b>	Image Sensor		752*480 CMOS	
	Symbologies	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code	
		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	
	Typical Depth of Field	Code 39		40-200mm (20mil)
		EAN-13		5-180mm (13mil)
		QR Code		10-180mm (20mil)
	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, PS/2 (Hardware version 2.1 required)	
<b>Physical/ Electric</b>	Dimensions (LxWxH)		83x81x148mm	
	Weight		292g	
	Notification		Beep, LED indicator	
	Current	Operating		150mA
		Standby		120mA
<b>Environmental</b>	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	
<b>Certifications</b>			FCC Part15 Class B , CE EMC Class B	
<b>Accessories</b>	Cable	USB	Used to connect the scanner to a host device.	
		RS-232	Equipped with a power connector; used to connect the scanner to a host device.	
		PS/2	Used to connect the scanner to a host device.	
	Power Adapter		Used to provide power for the scanner. Output: DC5V,1.5A; Input: AC100~240V, 50~60Hz	

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

Version: V1.3

### Newland China

+86-591-83978605  
contact@nlsan.com  
www.newlandaidc.com

### Newland Europe

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

### Newland North America

+1-510-490-3888  
info@newlandna.com  
www.newlandamerica.com

### Newland Latin America

+1-239-598-0068  
info@newlandla.com  
www.newlandamerica.com

### Newland Taiwan

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

### Newland Korea

+82-10-8990-4838  
th.sung@newland-id.com.tw  
www.newlandaidc.com