Newland

NLS-FR4060-3X

Desktop 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 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**® 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.

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Performance	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)
Physical/ Electric	Dimensions (L×W×H)		83×81×148mm
	Weight		292g
	Notification		Beep, LED indicator
	Current	Operating	150mA
		Standby	120mA
Environmental	Operating Temperature		-20℃~50℃
	Storage Temperature		-40℃~70℃
	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 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

Version: V1.3

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