

NLS-FM60

Fixed Mount Barcode Scanner



Features

■ Superior Scanning Performance

Armed with Newland's **UIMG®** technology, this scanner can scan 1D and 2D barcodes and delivers stunning performance on decoding the wrinkled, reflective and curved barcodes.

■ High Motion Tolerance

With 2m/s motion tolerance, the scanner can quickly capture moving goods, which greatly enhances efficiency.

■ Wide-viewing Angle

Featuring wide-viewing angle, the scanner will conduct quick scanning when goods comes closer to the scan window.

■ Multiple Status indicators

6 kinds of status indicators show current working status of the scanner, including decoding, configuration, communication and abnormal status.

Application Scenarios (as an accessory)

Self-service retail devices in supermarkets

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SCANNING MADE SIMPLE

Performance	Image Sensor		1280 * 800 CMOS
	Illumination		3000K white LED
	Symbologies	2D	QR Code, PDF417, Data Matrix, Aztec
		1D	Code 11, Code 128, Code 39, GS1-128 (UCC/EAN-128) , AIM 128, ISBT 128, Codabar, Code 93, UPC-A/UPC-E, Coupon, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2/5, Matrix 2/5, Industrial 2/5, ITF-14, ITF-6, Standard 2/5, China Post 25, MSI-Plessey, Plessey, GS1 Databar, GS1 Composite, Databar (RSS)
	Resolution*		≥4mil (1D)
	Typical Depth of Field*	EAN-13	0mm-150mm (13mil)
		QR Code	0mm-100mm (15mil)
	Scan Mode		Advanced sense mode
	Min. Symbol Contrast*		≥25% (Code 128 10mil)
	Scan Angle**		Roll: 360°, Pitch: ±55°, Skew: ±50°
	Motion Tolerance*		> 2m/s
	Field of View		Horizontal 65.6°, Vertical 44.6°
Mechanical/ Electrical	Interface		RS-232, USB
	Operating Voltage		5 VDC±5%
	Current	Operating	275mA (typical), 365mA (max.)
		Idle	228mA
	Dimensions		114 (W)×46 (H) ×94 (D)mm (max.)
	Weight		145g
	Notification		Beep, LED indicator
Environmental	Operating Temperature		-20°C to 50°C (-4°F to 122°F)
	Storage Temperature		-40°C to 70°C (-40°F to 158°F)
	Humidity		5% to 95% (non-condensing)
	Sealing		IP52
Certifications			FCC Part 15 Class B, CE EMC Class B, RoHS
Accessories	Cable	USB	Used to connect the scanner 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=30mil; PCS=0.8.

Specifications are subject to change without notice.

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