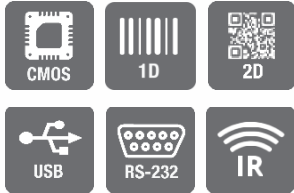


# NLS-FM305X-2X

## Fixed Mount Barcode Scanner



### Features

#### ■ Snappy On-screen Barcode Capture

Armed with Newland's sixth-generation of **UIMG<sup>®</sup>** technology, the scanner excels at reading on-screen barcodes containing large amounts of data.

#### ■ Outstanding Power Efficiency

The advanced **NLD<sup>™</sup>** technology incorporated in the scanner helps reduce the power consumption and prolong the service life of the device.

#### ■ IR Trigger

The IR sensor in the scanner exhibits an improved sensibility in activating the scanner to scan barcodes as they are presented, markedly increasing throughput and productivity.

#### ■ Durable Metal Housing

The scanner uses a durable metal housing, making it ideal for self-service applications.

### Application Scenarios

Self-service cabinets used in e-commerce, express delivery services and smart homes; barrier gates; O2O applications.

# NLS-FM305X-2X

## Fixed Mount Barcode Scanner

SCANNING MADE SIMPLE

	NLS-FM3056-2X	NLS-FM3051-2X	
<b>Performance</b>	Image Sensor	752*480 CMOS	
	Illumination	White LED	
	Symbologies	2D: PDF417, Data Matrix, QR Code, Aztec, Micro QR. 1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128 (FNC1, FNC2, FNC3), Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39 (Code 39 FULL ASCII), Code 11, MSI-Plessey, Plessey	
	Resolution*	≥5mil	
	Scan Mode	Sense mode, Continuous mode	
	Scan Angle**	Pitch: ±40°, Roll: 360°, Skew: ±40°	
	Scan Window	31.5mm×46.5mm	38.3mm×60.4mm
	Field of View	Horizontal: 75°, Vertical: 50°	
	Min. Symbol Contrast*	25%	
	Interface	RS-232, USB	
<b>Physical/</b>	Dimensions	78.7(W)×67.7(D)×53(H)mm (max.)	78.7(W)×67.7(D)×62.5(H)mm (max.)
	<b>Electric</b>	Weight	168g
	Notification	Beep	
	Rated Power Consumption	572mW (typical)	
	Operating Voltage	5VDC±5%	
	Current@5VDC	Operating Current: 115mA (typical), 198mA (max.)	
<b>Environmental</b>	Operating Temperature	-20°C to 60°C (-4°F to 140°F)	
	Storage Temperature	-40°C to 70°C(-4°F to 158°F)	
	Humidity	5% to 95% (non-condensing)	
	ESD	±8 KV (air discharge); ±4 KV (direct discharge)	
<b>Certifications</b>	FCC Part15 Class B, CE EMC Class B, RoHS		
<b>Accessories</b>	Cable	USB cable: Used to connect the scanner to a host device.	
		RS-232 cable: Used to connect the scanner to a host device.	
	Power Adapter	DC5V power adapter to provide power for the scanner with RS-232 cable.	

\*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: V1.1

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