NLS-FM30 Series

Fixed Mount Barcode Scanner

Brief Overview:

Newland's FM30 fixed mount scanning solution is the latest addition to Newland's broad range of future forward OEM scanning devices.

The FM30 is ideal for kiosk integration and other POS solutions, which require a powerful scanner, built to read from contemporary LCD widescreen devices. In addition, the FM30 has extended capability of infrared reading, which means the device can detect barcodes under virtually any ambient light conditions, including nighttime.

The FM30 desktop barcode data reader allows you to reliably read all 1D barcodes as well as QR Code, Data Matrix and PDF417 on various shapes and surfaces.

Features:

- **Compact**

  With its small size $78.2 \times 67.2 \times 62$mm (L x W x H), the FM30 is easy to integrate into many POS applications.

- **Superior decoding performance**

  Delivers effortless, snappy and accurate scanning performance and is specialized in reading from LCD screens.

- **Simple Configuration**

  All our devices are plug-and-play, but can be further configured according to your needs by use of simple barcode programming guide.

NLS-FM30 Specifications

Performance		
Processor	IOTC 0370 CHIP	
Image Sensor	752×480 CMOS	
Interface	RS-232 (9.6~115.2Kbps) / USB 1.1 (HID-KBW, HID-POS)	
Symbologies	**2D**	PDF417, Data Matrix, QR 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 (RSS-Expand, RSS-Limited, RSS-14), Code 39, Code 11, MSI-Plessey, Plessey
Scan Mode	Sense mode	
Resolution	10mil	
Light Source	White LED	
Scan Window	38.3mm×60.4mm	
PCS	≥30%	

Mechanical/Electrical	
Power Consumption	1.75W (max.)
Notification	Beep
Dimensions (L x W x H)	78.2×67.2×62mm
Weight	300g

Environmental	
Operating Temperature	-10°C - +50°C
Storage Temperature	-20°C - +60°C
Humidity	5% - 95% (non-condensing)
Ambient Light	0 ~ 100,000 LUX

Certifications	
FCC Part15 Class B, CE EMC Class B	

Accessories		
Cable	**RS-232 Cable**	Equipped with a power connector; used to connect the scanner to a host device.
	USB Cable	Used to connect the scanner to a host device.
Power Adapter		Used to provide power for the scanner. Output: DC5V, 0.5A; Input: AC100~240V, 50~60Hz.

Specifications are subject to change without notice.   V1.0.2

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