

FM30 Grouper Series

FM3050 and FM3055

Fixed Mount Barcode Scanners



Features

- ◆ **FM3055 is the flush mount equivalent of FM3050.**
- ◆ **Superior decoding performance.**

Your employees can scan virtually any barcode, including 1D and 2D, at an extraordinary speed.
- ◆ **Effortless scanning from mobile phone screen.**

Built to read from an LCD screen, the FM30 Grouper Series can easily read barcodes from any mobile device screen. An extended capability of infrared reading allows the device to detect barcodes under virtually any ambient light. Whether you operate at daytime or nighttime, scanning is quick and efficient.
- ◆ **Easily mounted in small spaces.**

The FM30 Grouper Series is designed for businesses that require high performance and a minimal footprint. With its small size, the device is ideal for kiosk integration and other POS solutions.
- ◆ **Easy to install.**

The FM30 Grouper Series can be set up quickly and easily. A plug-and-play simplicity enhances your experience right from the start. The device can be further configured according to your needs by using a simple barcode programming guide.

Application Scenarios

POS Solutions, kiosk integration, scanning from a mobile phone screen, such as for loyalty programs or ticket validation.

FM30 Grouper Series

Fixed Mount Barcode Scanners

		FM3055	FM3050
Performance	Processor	IOTC 0370 CHIP	
	Image Sensor	752*480 CMOS	
	Symbologies	2D: PDF417, Data Matrix, QR Code 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 11, MSI-Plessey, Plessey	
	Resolution	≥10mil	
	Scan Mode	Sense mode	
	Light Source	White LED	
	Scan Window	31.5mm×46.5mm	38.3mm×60.4mm
	Symbol Contrast	≥30%	
	Interface	RS-232, USB	
	FOV	Diagonal: 85°, Horizontal: 63.7°, Vertical: 70°	
Physical/	Dimensions (L×W×H)	78.2×67.2×52.3mm	78.2×67.2×62mm
Electric	Weight	300g	
	Notification	Beep	
	Max. Power Consumption	1.75W	
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	USB cable: Used to connect the FM30 to a host device. RS-232 cable: Equipped with a power connector; used to connect the FM30 to a host device.	
	Power Adapter	Used to provide power for the NLS-FM30. Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz	

Specifications are subject to change without notice.

Version: V1.1

Newland EMEA
+31 (0) 345 87 00 33
info@newland-id.com

Newland D-A-CH
+49 (0) 294 298 76758
info@newland-id.de

Newland UK
+44 (0) 1442 212 020
sales@newland-id.co.uk

Newland Nordic & Baltic
+46 (0) 708 847 767
nordic@newland-id.com

Newland Ibérica
+34 (0) 93 303 74 66
info@newland-id.es

Newland France
+31 (0) 345 87 00 33
france@newland-id.com

Newland Middle East
+31 (0) 345 87 00 33
middleeast@newland-id.com

Newland South Africa
+27 (0) 11 553 8010
info@newland-id.co.za

Newland Italy
+39 (0) 342 056 2227
italy@newland-id.com

Newland Russia
+31 (0) 345 87 00 33
russia@newland-id.com