



1D & 2D



Dual Interface



Mobile Reading



CMOS



Chip



EasySet



Warranty  
2 Years



**FM3056  
Grouper**

Stationary Scanners

## Features

### 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 FM3056 Grouper can easily read barcodes from any mobile device screen. An extended capability of IR 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 FM3056 Grouper 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 FM3056 Grouper 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.

## Suggested industries



Retail



Hospitality



Entertainment



Finance



Transportation

# FM3056 Grouper Technical specifications

## Data Capture

1D	All major 1D symbologies including 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.
2D	All major 2D symbologies including DF417, Data Matrix, QR Code, Chinese Sensible Code.
Image Sensor	CMOS 752*480
Illumination	White LED
Scan Modes	Sense Mode, Continuous Mode
Scan Rate	60 frames per second
Field of View Horizontal	75°
Field of View Vertical	50°
Scan Angle Roll	360°
Scan Angle Pitch	±40°
Scan Angle Skew	±40°
Scan Window	31.5mm×46.5mm
Minimal Print Contrast	25%

## Performance

Processor	0390 Chip+MCU
-----------	---------------

## Physical

Current @ 5VDC Operating	108mA (typical), 114mA (max.)
Dimensions (mm)	78.7(W)×67.7(D)×53(H)mm (max.)
Input Voltage	5VDC±5%
Interfaces	RS-232, USB
Material	PBT,ABS,Aluminium
Notifications	Beep
Power Consumption	534mW (typical)
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz
Weight	168g

## Environmental

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%~95% (non-condensing)
Electro Static Discharge (ESD)	±8 KV (air discharge); ±4 KV (direct discharge)

## Software

Configuration Tools	EasySet
---------------------	---------

## Certifications

Hardware	FCC Part15 Class B, CE EMC Class B,KC
----------	---------------------------------------

### Newland EMEA HQ

+31 (0) 345 87 00 33

[info@newland-id.com](mailto:info@newland-id.com)

[newland-id.com](http://newland-id.com)

Feel free to contact us or a partner near you

visit [newland-id.com/partners](http://newland-id.com/partners)

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved

## Warranty

Standard

2 years