Newland
SCANNING MADE SIMPLE

1D & 2D | Dual Interface | Mobile Reading | CMOS | Chip | EasySet

Warranty 2 Years



FM3051 Grouper

Stationary Scanners

Features

Superiordecodingperformance.
Your employees can scan virtually any barcode, including 1D and 2D, at an extraordinary speed.

Effortlessscanning from mobile phonescreen.
Built to read from an LCD screen, the FM3051 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 FM3051 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 FM3051 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

Entertainment | Finance | Hospitality | Retail | Transportation

FM3051 Grouper Technical specifications

Performance	
Image Sensor	CMOS 752*480
Processor	0390 Chip+MCU
Illumination	White LED
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±40°
Scan Angle Skew	±40°
Field of View Horizontal	75°
Field of View Vertical	50°
Scan Modes	Sense Mode, Continuous Mode
Scan Rate	60 frames per second
Scan Window	38.3mm×60.4mm
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.
Physical	
Dimensions (mm)	78.7(W)×67.7(D)×62.5(H)mm (max.)
Weight	195g
Material	PBT, ABS, Aluminium
Interfaces	RS-232, USB
Notifications	Beep
Input Voltage	5VDC±5%
Current @ 5VDC Operating	108mA (typical), 114mA (max.)
Power Consumption	534mW (typical)
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz
Environmental	
Operating Temperature	-20℃ to 60℃ (-4°F to 140°F)
Storage Temperature	-40℃ to 70℃ (-4°F to 158°F)
Humidity	5%~95% (non-condensing)
Electro Static Discharge (ESD)	±8 KV (air discharge); ±4 KV (direct discharge)
Accessories	
Standard	USB Cable
Optional	RS232 Cable, Adapter

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FM3051 Grouper Technical specifications

Software	
ConfigurationTools	EasySet
Certifications	
Hardware	FCC Part15 Class B, CE EMC Class B,KC
Warranty	
Standard	2 years

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