



**FM3056
Grouper II**
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 FM30 Grouper II 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 II 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 II 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.

Application Scenarios



point of sale



self service



transportation

FM3056 Grouper II technical specifications

Performance	Processor	0390 Chip+MCU
	Image Sensor	CMOS 752*480
	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	31.5mm×46.5mm
Data capture	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
	2D	DF417, Data Matrix, QR Code, Chinese Sensible Code.
Physical	Dimensions (mm)	78.7(W)×67.7(D)×53(H)mm (max.)
	Weight	173g
	Material	PBT,ABS,Aluminium
	Interfaces	RS-232, USB
	Notifications	Beep
	Input Voltage	5VDC±5%
	Current @ 5VDC	108mA (typical), 114mA (max.)
	Operating	
	Power Consumption	534mW (typical)
Power Supply Input	DC5V, 1.5A	
Power Supply Output	AC100~240V, 50~60Hz	
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)
Accessories	Optional	RS232 Cable,Adapter
	Standard	USB Cable
Certifications	Certifications	FCC Part15 Class B, CE EMC Class B,KC
Warranty	Warranty	2 years