



1d

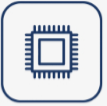


2d



CMOS

cmos



chip



easyset



usb



rs232



**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 |