

# BAYOMETRIC

## Futronic FS21M Fin'lock

### FINGERPRINT ACCESS CONTROL WITH MIFARE



#### PRODUCT DESCRIPTION

The FS21M from Futronic is one of the most sought after Access Control Units in the infrastructure security market. It supports MiFare card technology and can be used in tandem with PIN passwords and biometric fingerprints to ensure multi-level security checks and reliability. The FS21M provides both access control security and attendance monitoring for enterprises. The control unit can either run on local mode or network mode. While the former allows the system to act independently (ideal for small scale infrastructures), the latter connects the unit to a network of devices via LAN or Internet which are under the control of a single server run by Futronic's proprietary software.

The FS21M has the capability of storing up to 3000 fingerprints where a set of 3 fingerprints are allocated for each user. Besides this, the MiFare cards can also store individual fingerprints to eliminate any privacy issues and potential fraudulent practices. The unit houses a biometric scanner equipped with Futronic's LFD technology that is capable of detecting fake fingerprints made of artificial material like silicone rubber or play-doh. While the local mode of working has operational limitations when it comes to storage of templates and logs, the network mode provides unlimited operational flexibility and storage space.

#### KEY FEATURES

Fingerprint only (1-to-N matching)

ID + fingerprint (1-to-1 matching)

MiFare card + fingerprint (1-to-1 matching)

Can operate in local mode or network mode

Support Wiegand interface with 5 selectable output formats

In local mode it can store up to 3000 fingerprints

Unlimited number of fingerprints can be stored in network mode

#### TECHNICAL SPECIFICATIONS

|                                  |  |
|----------------------------------|--|
| Fingerprint image resolution     | 320×480 pixel, 500DPI  |
| Light source                     | 4 Infra-Red LEDs   |
| Finger scanning window size      | 16mm x 24mm  |
| Fingerprint recognition accuracy | FAR-10-6, FRR-10-2   |
| Display                          | 122×32 dot matrix LCD with backlight that supports English and Chinese character |
| User input & prompt              | 16 keys keypad with backlight, Buzzer, red and green LED                         |
| MiFare card sensing range        | 30mm   |
| Interface to PC                  | Ethernet with lithium battery powered Real Time Clock                            |
| Door control                     | 1 Door Strike, 1 Door Switch and 12VDC/1.5A                                      |
| Operating temperature            | -10 to +55 Degrees   |
| Dimension                        | 140mm(W) x 110mm(H) x 41.5mm(D)  |
| Enclosure                        | 3mm thickness ABS  |

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### CONTACT

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### LINKS

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### ABOUT BAYOMETRIC

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Bayometric is a leading global provider of biometric security systems offering core fingerprint identification solutions. Our products and solutions help enterprises, government agencies, custom application developers and system integrators meet their security, identification and access management requirements.