

BIOMETRIC FINGERPRINT SECURITY
Most Accurate Optical System



A X E Z E

PERFORMANCE

HIGH END DSP

ROBUST

FAIL-PROOF

FBI CERTIFIED

RELIABLE

Protecting your lifestyle.

Protect your identity, property and data with Axeze. Axeze is the Australian leader in Access Control and high-tech identification systems, including: Facial Recognition, Fingerprint Scanning, Bluetooth and Radio Frequency Identification (RFID) Systems.

Using Axeze products, you can control access to your computer, home, business, plant or equipment.

Axeze puts Access Control at your fingerprints!

For more information and stocklists contact

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FS22/21M
Fingerprint Access Control
*FULL-MATCH ACCURACY**



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The FS21/22 are high performance Fingerprint Recognition Devices using a powerful Digital Signal Processor.

Full-Match advantage: 700 fingerprints in one second - the device compares the input fingerprint with all fingerprints stored in the database before giving a result.

The search does not stop even after obtaining the preset matching score, but it continues to compare all fingerprints and return to the fingerprint that has the highest score.

*Full-Match: This is a major advantage of our range of biometric products when compared to similar devices in the market which stop the matching process once the preset score is reached.

Full-Match is the most accurate way of fingerprint recognition, it reduces the False Acceptance Ratio (FAR) to almost zero. A perfect solution for applications that need to do 1-to-many matching with large fingerprint databases.

(The FS21M has the same features but with a slower processor speed)

With a High-resolution Optical System And Latest Biometric Technology, FS22/FS21M Fingerprint Access Control System provides you with a secure and convenient access control and time and attendance solution.

It supports Mifare cards so any combination of fingerprint, Mifare card and PIN can be used for access control and attendance monitoring. The fingerprint can also be stored in the Mifare card to eliminate possible privacy issues.

FS22/FS21M can operate in both local and network mode.

With a standard Ethernet interface, FS22 or FS21M's can be connected via LAN/Internet under the control of a single Fingerprint Authentication Server (FAS) software running on Windows 2000/XP and Vista.

In Network mode fingerprints can be stored and recognized in the FAS, which can handle an unlimited number of fingerprints.

In Local mode, each FS22/21M can store up to 3000 fingerprints and can be used as a Stand-alone Access Control Attendance Monitoring Device.



Features

- FS22/FS21M supports Live Finger Detection (LFD). If this function is activated, the FS22/FS21M will not capture the image from fake fingers.
- The FS22/21M can be used to issue Mifare cards to users.
- Supports various Access Control methods to meet different application needs.
- Fingerprint only (1-to-N matching) ID+ Fingerprint (1-to-1 matching).
- Mifare card + Fingerprint (1-to-1 matching).
- Mifare card + Fingerprint stored on card (1-to-1 matching).
- Mifare card + PIN.
- Mifare card only.
- PIN only.
- Each user can register up to 3 fingerprints.
- User/Finger administration such as add, delete, edit, etc, can be done on FS22/FS21M and FAS.
- User/Finger database can be synchronised between FS22/FS21M and FAS via LAN/Internet.
- All communication between FS22/21M and FAS is encrypted by the Blowfish Algorithm and the Key Exchange by the Diffie-Hellman Algorithm.
- Can operate in Local mode or Network mode.
- Supports Wiegand Interface with 5 selectable output formats.



Standards Compliant:

- 480x320 pixel, 500DPI Fingerprint image resolution.
- Light source: 4 Infra Red LEDs.
- Finger scanning window: 16mm x 24mm.
- Fingerprint recognition accuracy: FAR 10-6 FRR 10-2
- 122x32 dot matrix LCD with backlight.
- User input and prompt: 16 keys keypad w back light, buzzer, red and green LED.
- Mifare card sensing range: 30mm.
- Interface to PC: Ethernet.
- Lithium battery powered Real Time Clock.
- Door control: 1 Door Strike 12VDC/1.5A, 1 Door Switch input.
- Operating temperature: -10 to +55 Degrees C.
- Size: 140mm(W) x 110mm(H) x 41.5mm(D).
- Enclosure: 3mm thickness FS.

Application Interface (API) available on:

- Proprietary Software for user/finger and access log management and Fin'Lock control.
- Runs on Windows 2000/XP and Vista.
- It can match fingerprints sent from all connected Fin'Locks with its own user/finger database and then send the result back to the particular Fin'Lock.
- User/finger can be enrolled into FAS database using FS80 USB2.0 fingerprint scanner.
- User/Finger database can be synchronised between FAS and all Fin'Locks via LAN/Internet.
- The access logs in Fin'Lock can be uploaded to FAS for further processing.
- Access Log in FAS can be exported to Excel and Plain Text formats.