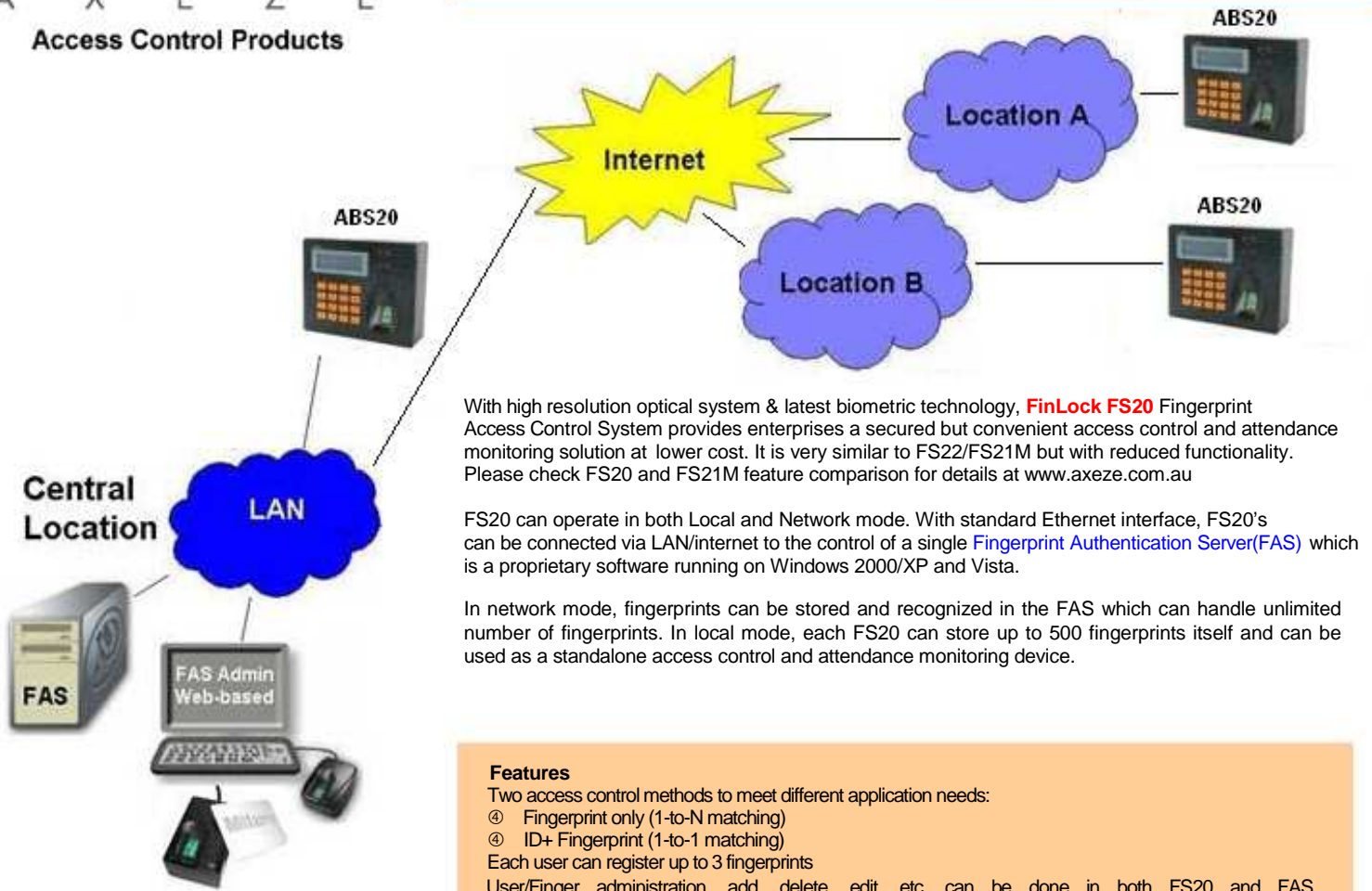




A X E Z E
Access Control Products

FS20 FinLock-Fingerprint Access Control system



With high resolution optical system & latest biometric technology, **FinLock FS20** Fingerprint Access Control System provides enterprises a secured but convenient access control and attendance monitoring solution at lower cost. It is very similar to FS22/FS21M but with reduced functionality. Please check FS20 and FS21M feature comparison for details at www.axeze.com.au

FS20 can operate in both Local and Network mode. With standard Ethernet interface, FS20's can be connected via LAN/Internet to the control of a single **Fingerprint Authentication Server(FAS)** which is a proprietary software running on Windows 2000/XP and Vista.

In network mode, fingerprints can be stored and recognized in the FAS which can handle unlimited number of fingerprints. In local mode, each FS20 can store up to 500 fingerprints itself and can be used as a standalone access control and attendance monitoring device.

Fingerprint Authentication Server (FAS):

- Proprietary Software for user/finger and access log management and FinLock control
- Runs on Windows 2000/XP and Vista
- It can match fingerprints sent from all connected FinLocks with its own user/finger database and then send the result back to the particular FinLock
- User/finger can be registered to FAS by using FS80 USB2.0 fingerprint scanner.
- User/Finger database can be synchronized between FAS and all FinLocks via LAN/Internet.
- The access log in FinLock can be uploaded to FAS for further processing.
- Access log in FAS can be exported to Excel and plain text format

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Features

Two access control methods to meet different application needs:

- ④ Fingerprint only (1-to-N matching)
- ④ ID+ Fingerprint (1-to-1 matching)

Each user can register up to 3 fingerprints

User/Finger administration, add, delete, edit, etc, can be done in both FS20 and FAS. User/Finger database can be synchronized between FS20 and FAS via LAN/Internet. All communication between FS20 and FAS is encrypted by Blowfish algorithm and the key exchange between is done by Diffie-Hellman algorithm.

Can operate in local mode or network mode

Support Wiegand interface with 5 selectable output format.

Support **Remote Relay Unit FS30**.

Available in black and silver.

Local mode

- Each FS20 can store up to 500 fingerprints
- Fingerprint recognition is done on FS20(input finger is matched to database stored in FS20).
- Access log is stored locally. Each FS20 can store up to 32,000 access log records
- Access Log in FS20 can be sent to FAS via LAN/Internet and exported as Excel/text format

Network mode

- Unlimited number of fingerprints can be stored in **Finger Authentication server(FAS)**.
- Fingerprint recognition is done on FAS(input finger is matched to database stored in FAS)
 - Access log is stored in FAS which can store unlimited number of access log records.
 - Access Log in FAS can be exported as Excel or text format
- A maximum of 99 FS20s can be connected to FAS to form a cluster for large-scale access control application
- If LAN/Internet connection is accidentally broken, all FS20s will switch to operate in local mode automatically

Specification

- Fingerprint image resolution: 320x480 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: 2 x 16 English characters LCD.
- User input & prompt: 16 keys keypad, Buzzer, red and green LED
- 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 FS