

















KABA[®]

Kaba E-Flash EF220

Biometric Electronic Rim Lock

E-Flash EF220 Biometric Electronic Rim Lock

-  Up to 40 users
-  Dual security mode with fingerprint and/or pin
-  Sweep type thermal fingerprint identification
-  Superior fingerprint recognition engine
-  Individual fingerprint enroll or delete
-  Break-in damage alarm
-  Wrong-try lock out delay
-  Automatic lock mode with manual override
-  Retrofits in place of existing door locks
-  Low battery power and malfunction alert
-  Emergency access power supply
-  Two-stage sliding keypad cover
-  Etiquette audio mode
-  Remote control (optional)



Tailored Flexibility

The E-Flash EF220 is the ideal fingerprint electronic lock for residential access solutions.

No more lost or stolen keys the EF220 eliminates the need for keys and allows multiple users to be programmed into the lock.

The one-touch operation of the EF220 enables simplicity of lock functions for all users.

Optional wireless door release (remote control) provides added flexibility to the system.

Product characteristics

The EF220 provides the convenience of enhanced security through fingerprint recognition and security code access.

Quick one-touch wake-up access control ensures easy use and enhanced battery life for minimal maintenance.

A built-in self-diagnostic function alerts the user of any potential malfunctions or damage.

The EF220 has an automatic lock mode with manual override.

Construction

The durable construction materials including steel mortice lockcase, zinc and aluminium castings and high impact fibre glass resin ensure high strength within the system

Installation

The EF110 retrofits in place of existing door locks..

Applications

- Residential Properties



Reliable Electronic Keypad and fingerprint ID



Internal lock/unlock function



Manual knob unlock function

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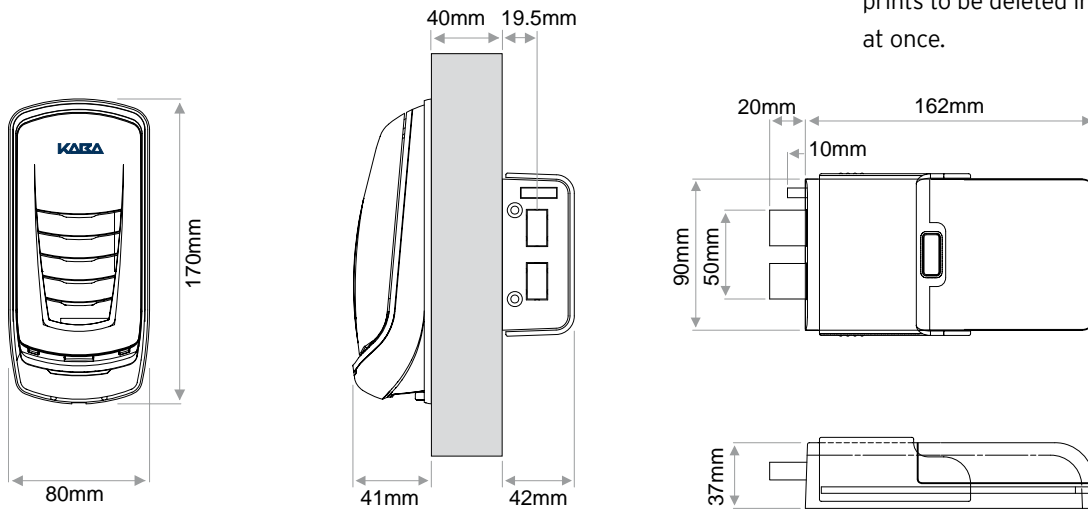
Technical data

- Energy supply: 4 x 1.5V AA size alkaline batteries - emergency power supply via 9V battery.
- Self-checking system: In case of malfunction or low battery power the system will alert the user.
- Break-in/Damage alarm: 80dB alarm will go off if anyone attempts to damage the lock or forces the door open. The alarm can be set to 3 time lengths of: 3 minutes, 10 minutes or 30 minutes
- Wrong Try Lock-out: If incorrect code is entered 5 times in a row all functions shut down for 3 minutes.
- Volume Control: In Etiquette Mode no sound is made during normal function- however the break-in alarm still operates.
- Number of users: up to max. 40 fingerprints can be registered.
- Door Thickness: suitable for doors up to 50mm maximum thickness - accessories are required for thicker doors.
- This product is designed to be used only indoor and weather protected outdoor areas.
- Operating Temperature -15°C to 55°C (5°F to 131°F).

Programming

Access privileges can be programmed and managed with:

- Security Code registration: Press the **ⓘ** button and enter your security code (4-12 digit number) then press the **ⓘ** button.
- Fingerprint recognition registration
Standard mode: (factory setting) Up to 40 users - all users must register and delete their fingerprints at the same time.
Supervisor A or B: Up to 40 users - fingerprints are scanned individually and a fingerprint code is also registered. Supervisor mode also allows fingerprints to be deleted individually or all at once.



E-Flash Accessories



Wireless Door Release (remote control)



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