

EBC-890

Fingerprint Controller



Features

- Large storage capacity: up to 1000 users and 40,000 event records
- Wiegand 26 or Wiegand 34
- Can work as a stand-alone, with other EverAccess Flex Series controller or over IP
- Powerful management features: entry/exit access managed by time, schedule, arm zone and/or user access rights
- Power alarm function: easy connection to alarm panel, ability to arm/disarm specific alarm input with corresponding door control
- Flexible 12 access authentication modes
- Easy configuration with keypad feature
- Backlit LCD screen and keypad for clear visual day or night
- Built-in Transient Voltage Suppressor (TVS) to protect against electric surge
- Expandable up to 127 Flex series controller network with RS-485 bus
- Built-in proximity reader and single door controller to simplify installation

Specifications

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| User Capacity | 1000 (each user can register 2 fingerprints) |
| Event Recording | 40,000 capacity |
| Maximum Controllers | 127 expandable (via RS-485) |
| Fingerprint Verification Time | 1:1 < 2 seconds |
| | 1:N < 3 seconds (1,000 users) |
| False Positive Rate | 0.00001% |
| Detection Function | Yes, automatic |
| Access Authentication | 12 modes |
| Door Number (max.) | 1 |
| Communication Format | Wiegand 26 or Wiegand 34 |
| User Password | Up to 6 digits |
| System Password | Up to 6 digits |
| Alarm Password | Up to 6 digits |
| Alarm Input | 1 fire alarm, 4 arm zone alarm inputs |
| Alarm Output | 2 alarm outputs |
| Communication Port | RS-232 or RS-485 |
| Band Rate | 9600 bps |
| Programmable Duration | 10 per day with minimum duration of 5 mins. |
| Programmable Date | 3 date types (up to 255 dates) |
| Card Expiration | Yes |
| Daylight Saving | Yes, automatic |
| Built-in Keypad | 4x4 backlit |
| LCD Screen | 2x20 backlit |
| Real-Time Clock | Yes |
| Current Draw for Door Control Relay (max.) | 5A |
| Current Draw for Alarm Relay (max.) | 2A |
| Power Source | 12VDC, 10~15V |
| Power Consumption | < 9W |
| Dimensions (L x W x H) | 179 x 137 x 48 mm / 7.04" x 5.39" x 1.89" |
| Weight | 0.91 kg / 2 lbs |

Ordering Information

- **EBC-890:** EveAccess Fingerprint Reader