



# EntryGuard™ AC-300 Biometric Access Control NEW INSTALLATION OR RETROFIT

## Fingerprints for Keyless Entry Networkable & Addressable

With the EntryGuard™ AC-300, FaceKey™ has made access control easier, more economical and secure for clients. The reader can be programmed to open a door with a fingerprint only or in combo with an embedded Mifare card reader. Incased in a metal case, the unit carries the IP65 rating. Wiegand input connectivity is available as an option.

When a new worker is added to the access control system, the FaceKey security system encrypts each fingerprint and stores it into a database. The AC-300 may be networked with the FaceKey's™ EntryGuard DMS Software or the Shepherd Door Management Software, which is sold separately, or deployed as a standalone unit without management software. Additional units of the AC-300 can be added as a business expands its operations.

The AC-300 is a cost effective biometric solution as a primary access control system or to retrofit an existing access control system. The AC-300 supplies a Wiegand 26-bit signal, which allows the addition of a reader to a third-party security platform where a biometric device is required.

Recognition occurs at the AC-300 (door). The FaceKey™ EntryGuard or Shepherd Software creates a typical IP network server and client configuration which is easy to install and operate. Data collected at the AC-300 is automatically uploaded to the server, while data or configurations made at the network level, such as the addition or deletion of a user, may be selectively distributed to each door unit. In the event that communication with the network fails, the AC-300 will continue to operate and collect data, up to 100,000 events, which will be uploaded when communication with the server is reestablished.

The AC-300 has a full array of features (see Benefits and Features and Technical Specifications) and offers an extensive choice of time zones and alarm functions. For installations where access requires the identification of more than one person, the unlock combo feature will allow the system to request the fingerprints of up to five persons, one from each group, before access is granted.

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#### Benefits and Features:

- Optical fingerprint reader.
- Optional external USB keypad.
- Outdoor IP65 rating.
- Accommodates strikes or mag locks.
- Audio-Visual indicator for acceptance and rejection of fingerprints.
- Aux input to link with wired detector or switch.
- Duress alarm offers protection for emergencies.
- Tamper-proof switch and multiple alarm outputs.
- Access privilege management.
- Linux environment to prevent hackers.
- All access control privileges require the EntryGuard or Shepherd DMS.
- Anti-Passback.

#### Technical Specifications:

- Connectivity: TCP/IP, RS485.  
Wiegand 26 (Optional Wiegand input).
- Transaction Storage: 100,000 activities.
- Fingerprint Capacity: 1500.
- Mifare Card: 10,000.
- Identification Time: <= 1s.
- FAR: <= 0.0001%.
- FRR: <= 1%.
- Time Zones: 50.
- Groups: 5.
- Unlock Combos: 10.
- Alarm Functions: -If forcefully removed.  
-Door forced open.  
-Duress fingerprint.  
-Door exceeds time.
- Open Door Sensor: Programmable in range of 3 seconds to 10 minutes
- Exit Door Request: Standard exit request switch (Normally open switch).
- Door Unlock Relay: 3 amp, 12 VDC.
- Power: 12 VDC at 250MA.
- Dimensions: 5.8(L) X 2.8(W) X 1.4(D) in.
- Temperature Range: 14°-140°F (-10°-60°C).
- Humidity Range: 10%-90%.

Fingerprint/cards Capacity	Model #	Part #
1500/10,000	AC-03 MF	8033150