Security for the 21st Century

Biometrics

Access Control ♦ Time Clocks ♦ Muster Systems

FaceKey™

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Headquartered in San Antonio, TX, FaceKey has pioneered and patented a family of biometric products and solutions that utilize face recognition and/or fingerprints for identification since 1999.

PRODUCTS: The product line includes Access Control, Time and Attendance and Muster systems. Details for each product are included.

NEW: This year we are introducing the Shepherd Security System which provides additional functions for more complex installations. In addition to the FaceKey biometric readers, the Shepherd supports HID card readers and certain other readers that integrate via Wiegand. Both access control and time and attendance are supported on this platform.
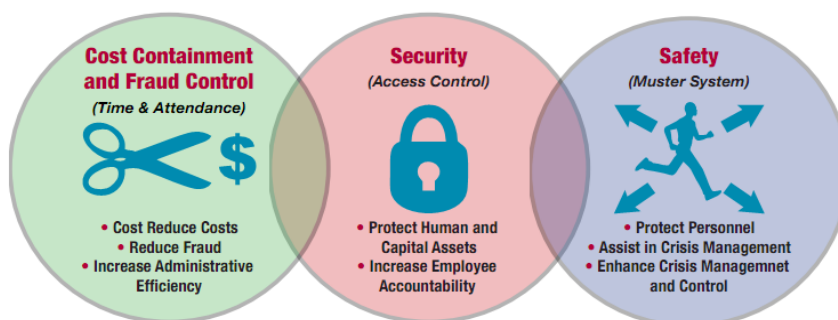
Customers want Faster and Better Products and Service – and we have it.

THE FUTURE: Today's customer has expressed a need for products that provide the highest level of security, fantastic support and the best price. And that is what we do. FaceKey's products are the future. They operate on your network reducing cabling runs and labor costs and provide superior service.

We like saving our customers time and money.

FaceKey products offer many ways to save. If the installation is new, less cabling and labor to install is needed. There are savings on cards, keys and re-keying, as none are required. As you grow, new units can expand the system easily. Using the same core software and database of enrolled faces and/or fingerprints for all products reduces costs one more way. Finally, to upgrade your old system, simply replace your card readers with our biometric readers to add security at a low cost.
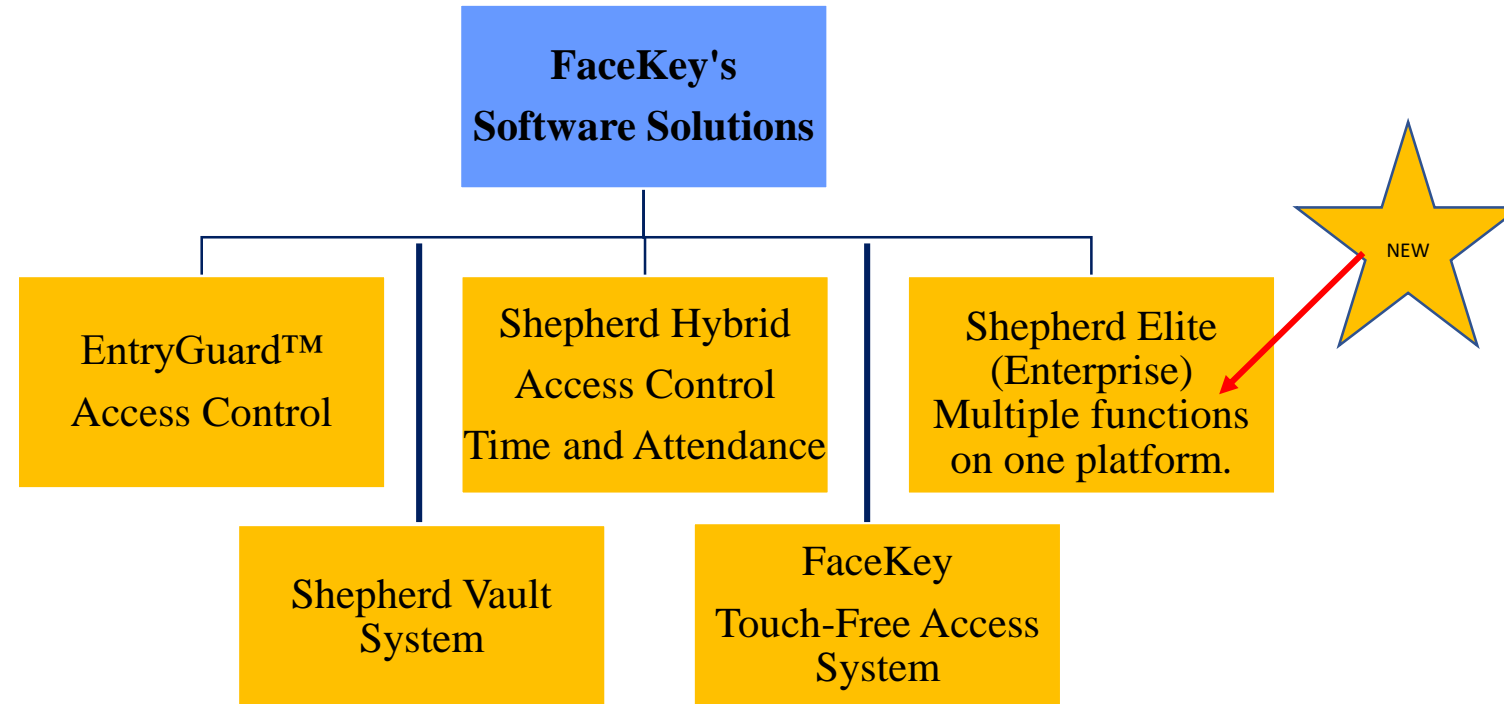

The FaceKey Integrated Solution

Cost Containment and Fraud Control *(Time & Attendance)*
- Cost Reduce Costs
- Reduce Fraud
- Increase Administrative Efficiency

Security *(Access Control)*
- Protect Human and Capital Assets
- Increase Employee Accountability

Safety *(Muster System)*
- Protect Personnel
- Assist in Crisis Management
- Enhance Crisis Managemnet and Control

We take pride in our world class service and support.
Customers talk to a real person.

FaceKey's Software Solutions

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                    FaceKey's
                Software Solutions
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- EntryGuard™ Access Control
- Shepherd Hybrid Access Control Time and Attendance
- Shepherd Elite (Enterprise) Multiple functions on one platform.
- Shepherd Vault System
- FaceKey Touch-Free Access System

NEW

FaceKey – Security for the 21st Century

The popular security card system invented in the last century cannot provide accurate ID and is far more costly. Imagine all the ways it has been outdated and outsmarted since then. People use other people's cards, they lose their cards and leave their cards at home. You don't know how long a card has been missing before it is reported lost. Errors and buddy punching increases your labor cost.

FaceKey has the solution for the 21st century problems: fingerprint and/or face recognition access control, time and attendance, and muster systems.

FaceKey fingerprint and face recognition security systems are the safer, better, and more cost-effective alternative to outdated card systems.

EntryGuard System

The EntryGuard System provides true ID. The system utilizes fingerprint and/or face recognition readers.

The system is composed of the EntryGuard Door Management Software and the FaceKey biometric readers.

EntryGuard is an integrated system with access control, time and attendance, and muster systems.
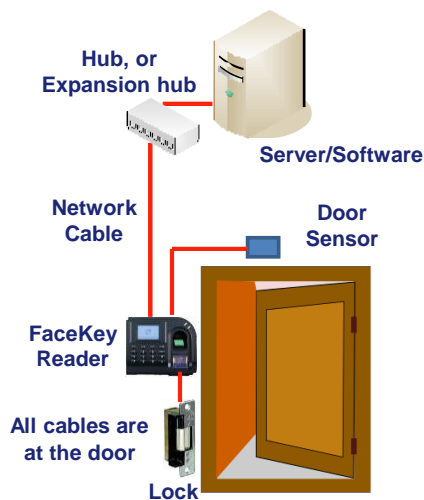
Shepherd System

The Shepherd System utilizes a one, two, and four door controller. In addition to the functions offered by the EntryGuard System, the Shepherd System offers a variety of nonstandard functions for specific applications. The system operates as a module to the EntryGuard System or as a standalone system.

The System supports a selection of readers: FaceKey face and fingerprint readers, HID, EM proximity, and Mifare from a variety of manufacturers.
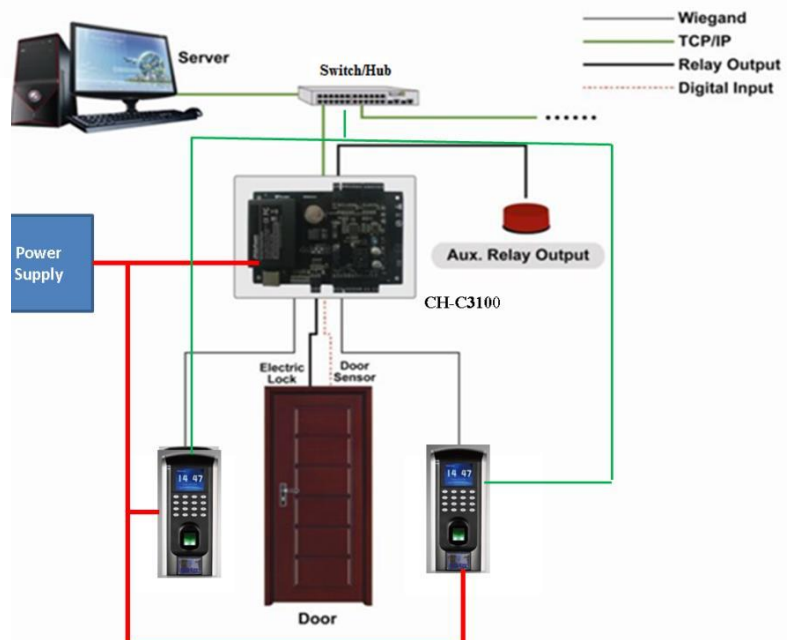
FaceKey™'s Software Solutions

1. EntryGuard™ - Small businesses, Homes, and Gates.   Can be used with any of the EntryGuard™ Face/Fingerprint family of products.
2. Shepherd Hybrid System - Medium to larger businesses and has time and attendance on the same platform. Can use any of the EntryGuard™ family of products.
   a. FaceKey Time and Attendance Software. This is an easy to setup and use T&A package. With our T&A package, track vacation, sick time and other pay-code options. Setup and assign shifts. Reports can be saved in several format PDF, Excel and more.
3. Shepherd Vault System – Safe deposit access control system moves the gate of the safe deposit vault to electronic control for banks/credit union. Allows customers to access their safe deposit box without a signature card. Two version are available.
   a. Single key - only customer needs to go into vault.
   b. Dual key needs the bank rep and the customer to access vault.
   c. Hardware: FKFP-PRO2-SV, SRB, (Secure Relay Box), and Time Extender (to extend the time the Vault Gate needs to be open).
4. Shepherd Touch Free door access system – we combined an automatic door opener with our face recognition access control device to allow access without touching an access reader or using a card to open the door.
5. Shepherd Elite - this software has multiple functions on one platform. Shepherd Elite uses FaceKey's new high-capacity readers 10,000 (up to 50,000) face templates. The Shephard Elite can control:
   a. Personnel
   b. Access Control
   c. Time and Attendance
   d. Video Surveillance (Cameras).
   e. Elevator control
   f. Visitor Management
   g. Parking lot Control
   h. Temperature Measurement (most have reader with Temperature detector module).
   i. Guard Patrol Management
   j. ID Badge management, print employee, staff and visitor badges.

   Supports the Shepherd Elite family of products, Face, Fingerprint, Proximity card readers, cameras, and DVRs.

Table title: FaceKey's Product Matrix

Model	AC-65	AC-D6	FKFP-PRO	FKFP-PRO2	FKFR-3K	FKFP	FKFP-10K**	FKFP-50K**	AC-300	AC-07	FKFP-TM**	SHC3***
Functions											Note 1	
Fingerprint Capacity	3000	3000	2000	2000		2000	10K*	50K*	1500	8000	6000	
Face Capacity			1500	1500	3000	1500	10K	50K			6000	
HID Card		✓		✓		✓				✓		✓
Generic Card	✓	✓	✓	✓	✓	✓	✓ *	✓ *	✓	✓	✓	✓
Mifare Card	✓	✓	✓	✓	✓	✓	✓ *	✓ *	✓	✓	✓	✓
Outside use	✓						✓	✓	✓			
Outside with protection		✓										
Inside use	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wiegand output	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Wiegand input	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
RS-232 Communication	✓	✓	✓	✓		✓				✓	✓	
RS-485 Communication	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
TCP/IP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud/Webserver/ADMS	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
DLST	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓
Schedule Bell	✓	✓	✓	✓		✓	✓	✓		✓	✓	
T&A Option	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Work code option	✓	✓	✓	✓		✓					✓	✓
Egress/ingress option		✓	✓	✓			✓	✓		✓	✓	✓
Lockdown							✓	✓			✓	✓
Holiday schedule	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Group Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Time Period	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Unlock Combination	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Expand Face and FP count												
Face Capacity			3000	4000		3000						
Fingerprint Capacity			5000	4000		5000					10000	
Palm Recognition (optional)											3000	

- * - This is an option for this model
- **- Requires Shepherd Elite Software
- ***- three versions single door, 2 door and 4 doors. Requires Shepherd Hybrid Software

Note 1. FKFP-TM – Temperature Measurement.

FaceKey's Shepherd Product Matrix

Model	FKFP-10K**	FKFP-50K**	FKFP-TI**	FKFR-TM**
Functions			Note 1	Note 1
Fingerprint Capacity	10K*	50K*	6000*	N/A
Face Capacity	10K	50K	6000	800
Mask Detection			✓	✓
HID Card*				✓
Generic Card*	✓	✓	✓	
Mifare Card*	✓	✓	✓	✓
Outside use	✓	✓		
Outside with protection				
Inside use	✓	✓	✓	✓
Wiegand output	✓	✓	✓	✓
Wiegand input	✓	✓	✓	✓
RS-232 Communication				
RS-485 Communication	✓	✓	✓	✓
TCP/IP	✓	✓	✓	✓
Cloud/Webserver/ADMS	✓	✓	✓	✓
WIFI	✓	✓	✓	✓
DLST	✓	✓	✓	✓
Schedule Bell	✓	✓	✓	✓
T&A Option	✓	✓	✓	✓
Work code option	✓	✓	✓	✓
Egress/ingress option	✓	✓	✓	✓
Lockdown	✓	✓	✓	✓
Holiday schedule	✓	✓	✓	✓
Group Management	✓	✓	✓	✓
Time Period	✓	✓	✓	✓
Unlock Combination	✓	✓	✓	✓
Expand Face and FP count				
Face Capacity				
Fingerprint Capacity			10000	
Palm Recognition (optional)			3000	800

- * - This is an option for this model
- **- Requires Shepherd Elite Software

Note 1. – Temperature Measurement.

Don't Touch That Door. In these pandemic times, the health and safety of all is a top concern. Health experts suggest reducing common touch points as a way to prevent spread illness. FaceKey's Safe Touch-Free Access System will reduce the need to touch doors, keypads, door handles and cards to gain access.

Equipped with a tested face recognition reader and the appropriate hardware, any door can be accessed without a touch without forgoing secure identification. The door opening is fully automatic, hands-free and touch-free. The genuine identification of the person adds a superior level of safety to the system.

The Touch-Free face recognition reader, identifies the person at a safe distance of 3 to 4 feet in any lighting and environmental conditions. The door will open automatically without touch. To exit, the motion detector will open the door without touch.

Upgrading to the Safe Touch-Free Access Control System is one step any organization can take that will help reduce spread of the virus. Without the need to make contact with those common touch points to enter, it creates a more hygienic workplace for everyone. The Safe Touch-Free Access Control System is an economical, easy method for any organization seeking to reduce this health hazard, which with its secure identification and touch-free technology can accommodate any size organization.

Face Recognition Reader (FRR): The design permits the FRR to operate in one, two or three factor mode. Each unit is TCP/IP addressable and has a unique MAC address visible on the internet.

Software: FaceKey's Software automatically synchronizes all FRR devices with the network and manages the face templates. If the network fails, the units will continue to operate and collect data which will be uploaded when communication with the network is reestablished.

Scalable: The FaceKey Software database supports an unlimited number of devices and users. Each reader can accommodate up to1500 *faces in* the 1: many mod*e.* - Call FaceKey for larger capacity readers.

DON'T TOUCH THAT DOOR!

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7-03-2020

FaceKey Safe Touch-Free Access Control System (one door)

Benefits and Features:

- Easy installation.
- Connects directly to local area network.
- Red and green status indicators.
- 2.8" TFT display.
- Face recognition.
- Keypad (Lighted).
- Doorbell.
- Professional access control features
  - 50 Time zones.
  - 10 Unlock combinations.
  - 5 Groups.
  - Anti-pass back.
  - Tamper switch.
  - Alarm output.
  - Door sensor input.
  - Exit request input.
  - Doorbell button.
- Holiday schedule.
- Acknowledgment of acceptance: LED indicator, display indication and voice reply.
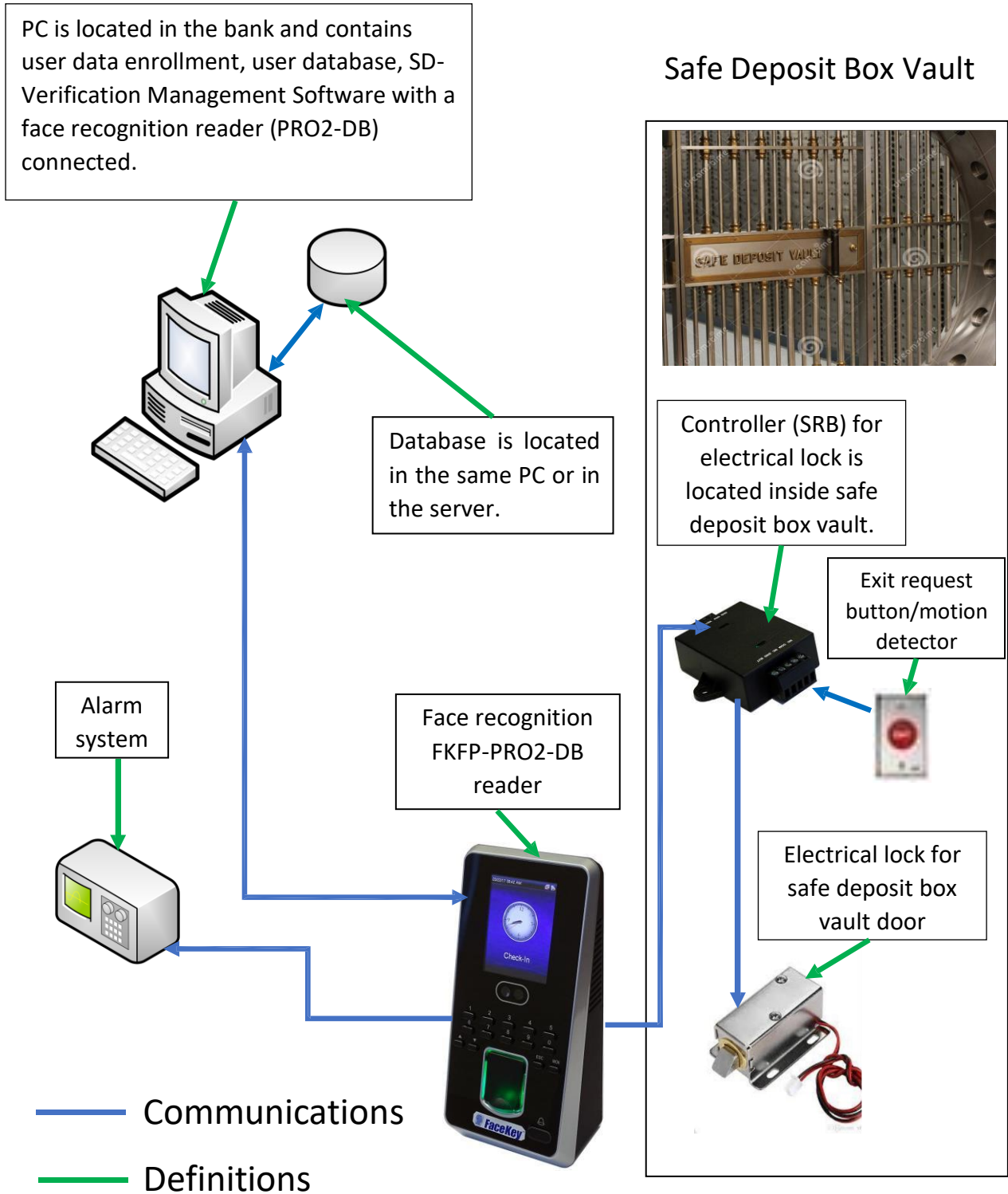- Auxiliary input.

Technical Specifications:

- Identification (Fingerprint)
  - Time: <=0.8s
  - FAR: <=0.0001%
  - FRR: <=1%
- Identification (Face)
  - Time <=3s
- Transaction Capacity:
  - Event Log   100,000 events
  - Faces   "see Scalable"
- Connectivity: TCP/IP, RS485 Wiegand output/input (26 or 34 bit standard)
- Dimensions: 7.4 (L) X 3.3 (W) X 2.5 (D) in.
- Voltage input: 12 VDC (power supply not included)
- Indoor use only
- Temperature range: 32°◦ 113°F (0°-45°C)

Shepherd Vault Access

(Safe Deposit Box Vault Biometric Access System)

PC is located in the bank and contains user data enrollment, user database, SD-Verification Management Software with a face recognition reader (PRO2-DB) connected.

Safe Deposit Box Vault

Database is located in the same PC or in the server.

Controller (SRB) for electrical lock is located inside safe deposit box vault.

Exit request button/motion detector

Alarm system

Face recognition FKFP-PRO2-DB reader

Electrical lock for safe deposit box vault door

Communications

Definitions

3/01/2019

EntryGuard™

Replacing card reader with biometric reader.

+12VDC

Ground

Third Party Access Control Panel

Power from panel

Sig Ground

WD0

WD1

Wiegand Output of EntryGuard™ products

Ethernet TCP/IP Connection

DB Server

EntryGuard™ Access Control Operator Stations
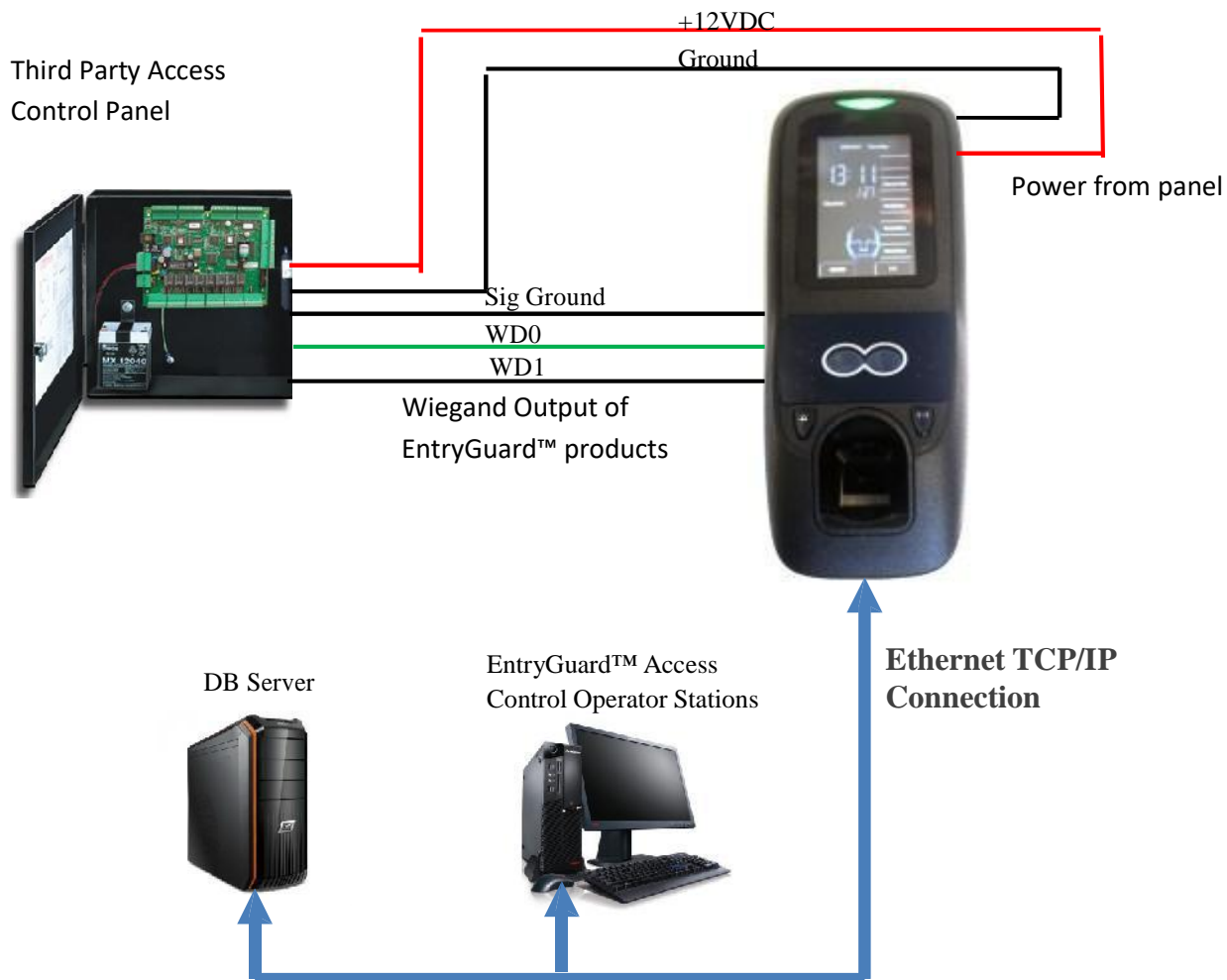
All EntryGuard™ Access Control readers have Wiegand output which means that the biometric readers can easily connect to third party access control system hardware: for new installations or replacing card readers. In most cases the EntryGuard™ readers can replace installed proximity card readers using the same wires that control the proximity card readers.

FaceKey Door Management Systems

Common features:
- Linux operating system.
- Mac address.
- Keypad illuminates.
- Build in door relay, to control electric locks and relays.
- Tamper switch.
- Wiegand output.
- Door sensor input.
- Alarm output.
- DLST, (Day Light Savings Time), Except AC-300
- Communications TCP/IP, RS232, RS485.
- Duress fingerprint.
- 5 Groups (assign user to one group).
- 50 Time zones for periods of the day to grant access.
- 10 unlock combinations – allow 1 to 5 users to grant access.
- Two and three factor verification.
- High resolution fingerprint reader.
- High fingerprint capacity (dependent on model: 1500 to 8,000 templates).
- Doorbell button (except for AC-07, AC-300 and FKFP-AC-OS models).
- Self-Test (diagnostics tool).
- Operates as a standalone device.
- Admin privilege for access to onboard menus.

FaceKey Readers

(SPO) = special order. (S) = Standard

Model	Capacity	Additional Options	Application
AC-D6 **Keypad lights up Three Factor ID**	**Fingerprint Capacity** 30000 FP templates (S)	• Basic fingerprint door controller • Power management • Supports Generic, (EM), HID and Mifare Card reader • 2" Color, TFT Screen (220x176) • Multiple Languages (English, Spanish & others) • Up to 15 multi-identification methods to enhance security levels • Audio-Visual indications for acceptance and rejection of fingerprints • Aux input with enhanced flexibility to link with wired detector or switch • Compatible with new Shepherd Door Management System software. • **DLST** function.	For retrofit solutions, connects to access control panels of third party products. MusterGuard™ Station Controls: Single door. Machines. Equipment. Elevators. Gates. Attendance.

Model	Capacity	Additional Options	Application
AC-300 Fingerprint & card only	**Fingerprint Capacity** 1500 FP templates (S) **Card Capacity** 10,000 Outdoor IP65 rated Stainless Steel case	• 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-Pass back. • **No DLST** function (Time controlled by DMS software).	For retrofit solutions, connects to access control panels of third party product. Controls: Single doors. Machines. Equipment. Elevators. Gates. Attendance.
AC-65 Three Factor ID 2.5 inches wide.	**Fingerprint Capacity** 2200 FP templates (S) Expandable to 8000 FP templates (SPO)	• Waterproof (IP65 rating) • Small footprint • Supports RFID card reader (Generic & Mifare) • Wiegand input/output • Power management • Cover for fingerprint reader Note: Recommended for outdoor installations.	For retrofit solutions, connects to access control panels of third party products. MusterGuard™ Station Controls: Single door. Machines. Equipment. Elevators. Gates. Attendance.
AC-07 Three Factor ID	**Fingerprint Capacity** 8000 FP templates (SPO)	• TFT display • 8 programmable function keys • Schedule bell • Holiday schedule • Egress/ingress control • Wiegand input • Anti-pass-back • SMS (public/individual) • Audio output (schedule bell) • USB port (2) • Supports RFID card reader (Generic, HID compatible with HID card format H10301 26 bit & Mifare card types) • Anti-pass-back • WIFI and GPRS option (available) • Wiegand Input/Output	For retrofit solutions, connects to access control panels of third party product. MusterGuard™ System Controls: Single doors. Machines. Equipment. Elevators. Gates. Attendance.

Model	Capacity	Additional Options	Application
FKFP-AC-OS **Recognition in near darkness Three Factor ID (OS = Limited Outside use)**	**Face Capacity** 1500 1:N (S) (SPO) 3000 1:1 **Fingerprint Capacity** 2000 FP templates (S) Up to 5000 FP templates (SPO)	• TFT Touch Screen • FKFP is simple access 24/7. • Virtual keyboard and keypad • 6 programmable function keys • Schedule bell • SMS (public/individual) • Audio output (schedule bell) • USB port (2) • Infrared/Video camera • Supports RFID card reader (Generic, HID compatible with HID card format H10301 26 bit & Mifare card types) • WIFI and GPRS option (available) • Built in battery backup (optional) • Wiegand Output • Full Access management function • 50 time zones • 10 unlock combination • Anti-pass-back	For retrofit solutions, connects to access control panels of third-party product. Controls: Single doors. Machines. Equipment. Elevators. Gates. Attendance.
FKFP-PRO **Recognition in near darkness Three Factor ID**	**Face Capacity** 1500 1:N (S) 3000 1:1 (SPO) **Fingerprint Capacity** 2000 FP templates (S) 5000 FP templates (SPO)	• TFT Touch Screen • Virtual keyboard and keypad • 6 programmable function keys • Wiegand Input/Output • Schedule bell • SMS (public/individual • USB port • Networkable (TCP/IP, RS232, RS485) • Supports RFID card reader (Generic & Mifare card types) • Anti-pass-back • Egress/ingress control (open/lock door) • Holiday scheduling • WIFI (option) Note: Outdoor usage not recommended.	Connect to Access control panels of third party product. Controls: Single doors. Machines. Equipment. Elevators. Gates. Attendance.

Model	Capacity	Additional Options	Application
FKFP-PRO2	**Face Capacity** 1: many Faces 1500 Fingerprints 2000 **(SPO)** 1:1 4000 Faces & Fingerprints	• TFT display • 4 programmable function keys • Holiday schedule • Anti-pass-back • USB port • Supports RFID card reader (HID, Generic or Mifare) • Anti-pass-back • Wiegand Input/Output • Acknowledgment of acceptance: LED indicator, display indication and voice reply. • Auxiliary input. • Flip cover to reduce background lighting for fingerprint reader. • Face auto correction contrast & brightness.	For retrofit solutions, connects to access control panels of third-party product. Controls: Single doors. Machines. Equipment. Elevators. Gates. Attendance. Note: Outdoor usage not recommended.
FKFR-3K **Recognition in near darkness Three Factor ID**	**Face Capacity 3000**	• TFT Touch Screen • Virtual keyboard and keypad • Wiegand Input/Output • Schedule bell • SMS (public/individual • USB port • Networkable (TCP/IP, RS232, RS485) • Supports RFID card reader (Generic, & Mifare card types) • Anti-pass-back • Egress/ingress control (open/lock door) • Holiday scheduling • Face auto correction contrast & brightness.	For retrofit solutions, connects to access control panels of third-party product. Controls: Single doors. Machines. Equipment. Elevators. Gates. Attendance.
Shepherd Elite Hardware			
FKFP-10K Or FKFP-50K	**Face Capacity 10K or 50K** **Optional Fingerprint and Card Reader module (USB)**	• Used with Shepherd Elite Software only • Virtual keyboard and keypad • Wiegand Input/Output • Schedule bell • SMS (public/individual • USB port • Networkable (TCP/IP, RS485, WIFI) • Supports RFID card reader (Generic, & Mifare card types) • Anti-pass-back • Egress/ingress control (open/lock door) • Lockdown • Holiday scheduling • Face auto correction contrast & brightness. • Recognition up to 6-7 feet	Requires Shepherd Elite Software. Outdoor use OK IP65 rated

Model	Capacity	Additional Options	Application
FKFP-TM	**Face Capacity 6K Fingerprint Capacity 6K** **Measure's temperature and only allows Access if Temperature is withing window.**	• Used with Shepherd Elite Software only • Virtual keyboard and keypad • Wiegand Input/Output • Schedule bell • SMS (public/individual • USB port • Networkable (TCP/IP, RS485, WIFI) • Anti-Passback • Egress/ingress control (open/lock door) • Lockdown • Holiday scheduling • Face auto correction contrast & brightness. • Temperature Measurement	Requires Shepherd Elite Software. Outdoor use OK IP65 rated

Accessory			
Model	**Capacity**	**Additional Options**	**Application**
Desktop Fingerprint Enrollment Reader		• Enrollment reader, connects to USB port on PC (USB 1.0 or 2.0)	Works with EntryGuard™ Version 2.4.4 and Shepherd Door Management Software
POE Adapter		• POE Adapter +12VDC @1.17A • POE Adapter +12VDC @1.75A • POE Adapter +12VDC @ 3.75A	Needed to convert POE power 36 to 56 VDC to operating voltage for time clocks and Door management hardware.
SRB Security Relay Box		• Security Relay Box enhances door security for outside or inside doors • Security connection using the Wiegand output from one of the EntryGuard™ Face or fingerprint products • Shepherd Security Software required.	

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Notes: 1. For outdoor installations in direct rain or sun light, we recommend an EntryGuard™ Bonnet for protection (exceptions: the AC-65 device does not require protection and units with facial recognition not recommended for outdoor use). See picture below of bonnet.

2. For extreme weather conditions, FaceKey™ can design an enclosure to meet your specifications and requirements. The AC-07, FKFP-AC-OS and FKFP-PRO devices have TFT displays, subject to sun light damage.
The optical fingerprint reader should be shaded from direct sunlight to prevent reduced readability of the fingerprint.
3. FKFP-AC-OS is now available via special order with a new enhance camera. Call FaceKey, 210-826-8811 for more information.

Optional: Bonnet

EntryGuard™ Time Clocks

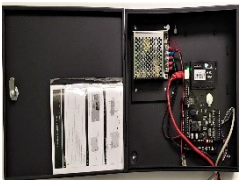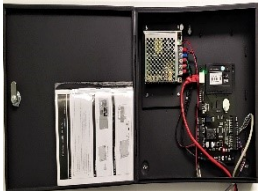| Model	Capacity	Options	Application	Comments
Basic time clock TA-D6	**Fingerprint Capacity** 3000 FP templates (S)	- Schedule bell 2.8-inch color touch screen - Virtual Keypad - Multiple languages (English, Spanish & others). - Optical fingerprint reader. - Communications: - TCP/IP - RS485 - USB port - DLST - Supports RFID card reader (Generic, HID & Mifare card types) - Audio-Visual indications for acceptance and rejection of fingerprints.	Time Clock School Attendance	+12 VDC power supply included. POE splitter available. Requires Shepherd Security software Inline battery backup module.
Ultimate Time Clock TA-03	**Fingerprint Capacity** 8000 FP templates (S) 200,0000 Events	- Schedule bell - Alphanumeric keypad (T9) - Keypad lights - Programmable function Keys - Work code w/ work code list. 3" TFT (SVGA) display - Programmable Screen savers - Self-inquiry (user can see is Clock-in/out times - Communication: TCP/IP, RS232 & RS485 - USB port (two ports) - Enhanced Fingerprint shows the position of finger placement. - Supports RFID card reader (Generic, HID compatible with HID card format H10301 26 bit & Mifare card types) - WIFI (Wireless) module (optional)	Time Clock Work code collection clock Records keeper School Attendance	+12 VDC power Supply included. POE s plitter available. Requires T&A Software. Inline battery backup module.

Model	Capacity	Options	Application	Comments
Face fingerprint time clock FKFP-TA	**Face Capacity** 1500 1:N (S) 3000 1:1 (SPO) **Fingerprint Capacity** 2000 FP templates (S) 5000 FP templates (SPO) 100,000 Events	• 6 programmable function Keys • Work code w/ work code list. • Schedule bell with output jack • Self-inquiry • 3.5" TFT Touch Screen (SVGA) display • Virtual Keypad and keyboard • Communications: TCP/IP, RS232, RS485 • Optional: WIFI, GPRS • Supports RFID card reader (Generic, HID compatible with HID card format H10301 26 bit & Mifare card types) (Optional) • Build in Battery backup • USB port (two ports)	Time Clock Work code management Records keeper School attendance	+12 VDC power supply included. POE splitter available. Requires T&A software.
TA-HH-MS **Fingerprint Recognition** **Mobile Attendance Waterproof (P65 rated)**	**Fingerprint Capacity** 50,000 FP Templates (S) 800,000 Events	• Time and Attendance • DLST • Self-query • Supports RFID card reader (Generic, HID compatible with HID card format H10301 26 bit & Mifare card types) • WIFI (wireless) • Communication: TCP/IP, RS485 • Optional: WIFI, GPRS, 3G • Waterproof (IP65 rated) • Programmable function keys • Alpha and numeral input • Rubber case and handle for easy transport. • Bright orange color • 3" TFT Display	MusterGuard™ Station Guard Gates Construction Sites Anywhere attendance is needed, were power is an issue and the environment is a concern.	

Note: any of our products can be used as a time clock. Only listed the most popular ones used.

Shepherd Security System

Model	Capacity	Additional Options	Application

SH-C3100
 	
1 door Controller in Metal box w/ Power supply Options: POE, Network HUB 5 ports.
	User cards 30,000
	Events 100,000
	2 Wiegand inputs
	Communication TCP/IP/RS485
	Inputs:
	  1 Exit button
	  1 Door sensor
	Outputs:
	  1 Door relay
	  1 Aux. relay
		Can be used with any of the EntryGuard™ Door Management products or EntryGuard™ Time Clocks
		Anti-Passback
		First-Card Normal Open
		Wiegand input 26-66 bits
		Supports HID, (26 bit) and Generic, (EM) card readers.
			Needs Shepherd Security System Software
			
			HID Reader special-order call FaceKey Corp.
			
			(HID card must be register through a reader)

SH-C3200
 	
2 door Controller in Metal box w/ Power supply Options: POE, Network HUB 5 ports.
	User cards 30,000
	Events 100,000
	4 Wiegand inputs
	Communication TCP/IP/RS485
	Inputs:
	  2 Exit button
	  2 Door sensor
	  2 Aux. inputs
	Outputs:
	  2 Door relay
	  2 Aux. relay
		Interlock Function
		User date expire
		Anti-Passback
		First-Card Normal Open
		Wiegand input 26-66 bits
		Supports HID, (26 bit) and Generic, (EM) card readers.
			Needs Shepherd Security System Software
			
			HID Reader special-order call FaceKey Corp.
			
			(HID card must be register through a reader)

SH-C3400
 	
4 door Controller in Metal box w/ Power supply Options: POE, Network HUB 5 ports.
	User cards 30,000
	Events 100,000
	4 Wiegand inputs
	Communication TCP/IP/RS485
	Inputs:
	  4 Exit button
	  4 Door sensor
	  4 Aux inputs
	Outputs:
	  4 Door relay
	  4 Aux. relay
		Interlock Function
		User date expire
		Anti-Passback
		First-Card Normal Open
		Wiegand input 26-66 bits
		Supports HID, (26 bit) and Generic, (EM) & Mifare card readers.
			Needs Shepherd Security System Software
			HID Reader special-order call FaceKey Corp.
			
			(HID card must be register through a reader)

RD100E **Proximity Card reader**	IP 65 rated Single gang Two types, EM or Mifare format reader		Requires SH-C3XXX controllers.
RD102E **Proximity reader with Keypad**	IP 65 rated Double gang mounting Two types, EM or Mifare format reader		Requires SH-C3XXX controllers.

FaceKey™

Three Factor ID Available!
Networkable & Addressable

FaceKey's™ EntryGuard™ AC-D6 can be programmed to open a door with the touch of only a fingerprint, or only a PIN code or only a card; yet can deliver three factor identification if required. Panels are not required.

When a new worker is added to the system, the AC-D6 encrypts and securely stores each fingerprint's data into a database. The AC-D6 may be networked with the FaceKey™ Access Control Management Software (sold separately) or it can be deployed as a standalone unit without the software. The AC-D6 units have the capacity of 3000 fingerprints and can store up to 30,000 events.

The EntryGuard™ AC-D6 has a full array of attributes (see Benefits and Features and Technical Specifications) including an extensive number of time zones to control access and alarm functions which increase a facility's security and safety. 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 to grant access.

Utilizing the FaceKey™ Access Control Management Software creates a typical IP network server and client configuration, which is easy to install, operate and requires minimal training. Data collected at each door unit is automatically uploaded to the server when software is in real time monitoring mode, 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.

The EntryGuard™ AC-D6 is compatible with FaceKey's EntryGuard™ and Shepherd Hybrid Management Software.

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Benefits and Features:
- Easy to install
- English language (other languages available)
- Equipped with optical fingerprint reader and keypad (variety of card readers – special order)
- Keypad numbers illuminate
- Accommodates electronic door strikes or magnetic locks
- 14 multi-identification methods allow user individual requirements
- Acknowledgment of acceptance: LED indicator, display indication and audible, (voice), reply
- Secured communication between FP reader and controller
- Wiegand Output, Input & SRB
- Standalone or with EntryGuard™ or Shepherd Hybrid Management Software
- Generic, Mifare or HID (format H10301 125KHz 26-bit) proximity card readers (Optional)
- Doorbell switch
- DLST
- AUX input
- SRB (Option special Wiegand output to communicate to SRB door controller)
- Anti-pass-back

Technical Specifications:

•	Connectivity:	TCP/IP, RS232, RS485
•	Fingerprint Capacity:	3000
•	Card Capacity	5000
•	Transaction Storage:	30,000
•	Identification Time:	<=1s
•	FAR:	<=0.0001%
•	FRR:	<=1%
•	No. Time Zones:	50
•	No. Groups:	5
•	Unlock Combos:	10
•	Alarm Functions:	-If forcefully removed -Door forced open -Duress fingerprint -Door exceeds time programmed open
•	Open Door Sensor:	Programmable in a range from 3 seconds to 10 minutes
•	Exit Door Request:	Standard "Exit Request Switch" (Normally Open Switch)
•	Door Unlock Relay:	3 amp, 12 VDC
•	Power Supply:	12 VDC at 400MA
•	Dimensions:	7.2(L) X 3.15 (W) X 1.78 (H) inches
•	Temperature Range:	32°-113°F (0°-45°C)
•	Humidity Range:	20%-80%

Fingerprint Capacity	Model #	Part #
3000	AC-D6K	8033163
	AC-D6+HID*	8033160
	AC-D6+EM	8033161
	AC-D6+MIF	8033162
* HID card format H10301 125KHz 26-bit		

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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7-12-2016

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) X1.4(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

True Outside capability for Fingerprint Access Control

FaceKey's EntryGuard™ AC-65 fingerprint reader is IP based, designed to be a true outside reader (IP-65 rating). The AC-65 fingerprint reader has a built in cover to protect the surface of the reader and to help shade the fingerprint reader from direct sunlight when the finger is placed on the reader for authentication.

The FaceKey™ EntryGuard ™Management Software used to manager the AC-65 creates a typical IP network server and client configuration which is easy to install and operate. Data collected at each door unit 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-65s will continue to operate and collect data which will be uploaded when communication with the server is reestablished.

High Capacity Feature

The AC-65 access control terminal can be expanded to 8,000 fingerprint templates. The standard fingerprint template is 3,000. The AC-65 supports RF cards, Generic (EM format) and Mifare smart cards. The capacity of the AC-65 can be increased up to 50,000 users when the fingerprint and ID number are stored on the Mifare card. In turn, the owner of the Mifare smart card presents the card and touches the fingerprint reader to confirm their identity. While the AC-65 supports several card readers, the unit does not require a card.

Applications

The EntryGuard™ AC-65 lends itself to a variety of applications. For example: Homes, shops, garage, factory, Warehouses, and more.

Expandability

The AC-65 devices can be mixed with other EntryGuard™ family of access control product, for a complete customized total access control solution.

The Linux OS offers more flexibility for integrators to develop new and custom applications and features. FaceKey's SDK package is available so developers can incorporate FaceKey products into other applications.

Benefits and Features:

- O/S Linux
- Equipped with optical fingerprint reader and keypad
- Up to three factor to identify user:
  - ◇ Fingerprint only
  - ◇ Card only
  - ◇ ID No. + Fingerprint
  - ◇ ID only (PIN)
  - ◇ Card+Fingerprint
  - ◇ Card + FP+ Password
  - ◇ Card + Password
  - ◇ ID No. + Card
  - ◇ ID No. + Card + Password
- 3X5 Keypad and Door Bell Key.
- Acknowledgment of acceptance: LED indicator, display indication and buzzer reply
- Centralized enrollment available with management software.
- Database: Access, SQL and others available with FaceKey™ Management Software package
- Day light savings time
- Supports Generic (EM format) and Mifare RF cards
- Wiegand input and output
- TCP/IP and RS485 communications
- Small footprint to attach to metal door frames 1½ inch wide.

Technical Specifications:

Connectivity:	TCP/IP, RS232 & USB host
Fingerprint Capacity	3,000 (up to 8,000)
Card Capacity	10,000 (up to 50,000)
Transaction Storage:	30,000 activities
Identification Time:	<=1s
FAR:	<=0.0001%
FRR:	<=1%
Power:	12VDC
Dimensions:	(h)7.5 X (w)2.5 X (d)1.75
Temperature Range:	-4° to 122°F (-20°to 50°C)
Humidity Range:	20%-80%
Ingress Protection Level	IP65

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Model #	Part #
AC-65	8033132
AC-65+EM	8033133
AC65+MIF	8033134

FaceKey's™ EntryGuard™ AC-07 provides two new features to make access control easier and more secure for its clients: egress control, (lock and open door schedule) and holiday scheduling. The AC-07 can be programmed to open a door with the touch of only a fingerprint or only a PIN code or only a card, yet can deliver three factor identification as required.

When a new worker is added to the system, the AC-07 encrypts and securely stores each fingerprint's data into a database. The AC-07 may be networked with the FaceKey™ Access Control Management Software (sold separately) or it can be deployed as a standalone unit without the software. The AC-07 units have the capacity of 8000 fingerprints and can store up to 200,000 events.

The EntryGuard™ AC-07 has a full array of attributes (see Benefits and Features and Technical Specifications) including an extensive number of time zones to control access and alarm functions which increase a facility's security and safety. 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 to grant access.

Utilizing the FaceKey™ Access Control Management Software creates a typical IP network server and client configuration, which is easy to install, operate and requires minimal training. Data collected at each door unit 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.

The unit provides a short message system for public or individual messages.

The FaceKey™ Access Control Management Software supports an unlimited number of EntryGuard™ units using TCP/IP protocol (254 units using RS232/485connectivity protocols).

* HID card format H10301 26 bit HID Part # 1346

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Benefits and Features:

- Easy installation
- Easy operation
- Connects directly to the local area network
- Equipped with high resolution fingerprint reader
- Alphanumeric keypad (T9)
- HID, generic or Mifare card reader available
- Acknowledgment of acceptance: LED indicator, display indication and voice reply
- Short message system (SMS), public or individual.
- 14 multi-identification methods
- Embedded LINUX O/S
- 3.5" SVGA TFT display
- 8 programmable function keys
- Access Control privilege management
  - Built in door relay
  - Alarm output
  - Door sensor input
  - Request Exit input
  - Unlock combinations (up to 2-5 people)
- Multi-language support
- Built in self test
- Egress programming (close and open door)
- Holiday scheduling
- Duress fingerprint
- USB port (2)
- Daylight savings time
- POE splitter (optional)

Technical Specifications:

- Fingerprint Capacity: 8000
- Transaction Storage: 200,000
- Identification Time: ≤.08sec
- FAR: ≤0.0001%
- FRR: ≤1%
- Connectivity: TCP/IP, RS232, RS485, Wireless
- Dimensions: 17.5(L) X 2(D) X5.5(H)"
- Voltage Input: 12VDC (supply included, input voltage 110/240VAC 60/50HZ)
- Temperature Range: 32°◦ 113°F (0°-45°C)
- Humidity Range: 20%-80%
- Controller Voltage Input: 110V AC (240VAC)
- Frequency: 60/50HZ
- Temperature Range: 32°-113°F (0°-45°C)
- Humidity Range: 20%-80%
- Outdoor use   Limited (protection required)

Fingerprint Capacity	Model #	Part #
8000	AC-07-8.K	8033119
8000	AC-07-8.K+HID	8033120

FaceKey™

Your Face is your Key
Access Control or
Time Clock Version Available

Users of the EntryGuard™ Face & Fingerprint Professional Station (PRO) can clock in/out at work or access the facilities.

Three Factor ID is Available: The design permits the PRO to operate in one, two or three factor mode. The PRO has five ID methods which affords 19 ID combinations. The ID methods are: face, fingerprint, PIN, password or card reader. The ID methods can be presented in any order.

The FaceKey™ Face & Fingerprint Professional Station can function as a standalone device or multiple units can be connected over a network. Each unit is TCP/IP addressable and has a unique MAC address visible on the internet.

The FKFP-AC-PRO when used for access control is a full featured access control device; see "Benefits and Features". The EntryGuard™ FKFP PRO unit is available with a RFID card reader, (Generic or Mifare). The PRO when used as a time clock has the same features except the unit does not unlock doors.

 Software: The FaceKey™ Management Software automatically synchronizes all FaceKey EntryGuard™ devices with the network and manages the face and fingerprint templates. If the network fails, the units will continue to operate and collect data which will be uploaded when communication with the network is reestablished. The EntryGuard™ Time and Attendance Management Software provides business rules and reports for time and attendance.

Scalable: The FaceKey™ Management Software database supports an unlimited number of devices and users. Each Standard Face & Fingerprint Station can accommodate up to 2,000 fingerprint templates and 1500 1: many and 3,000 1:1 face templates.   Call FaceKey for units with additional templates.

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Standard FKFP-PRO model and part nos. Contact FaceKey for special order products. (Optional WIFI Available)

Description	Model #	Part #
Standard	FKFP-PRO	8033127
Generic Card	FKFP-PRO+EM	8033129
Mifare Card	FKFP-PRO+MIL	8033130

Revised 8/4/2021

Face Mode

Fingerprint Mode

Benefits and Features:
- Easy installation
- Connects directly to local area network
- Red and green status indicators
- Six(6) user defined function key
- 3" touch screen (TFT) display
- Optical fingerprint reader
- Auto correction contrast & brightness
- Face recognition
- Fingerprint recognition
- Virtual keyboard and keypad
- Three factor ID: (19 ID combinations)
  - Face+fingerprint+card (example)
- Professional access control features
  - 50 Time zones
  - 10 Unlock combinations
  - 5 Groups
  - Anti-pass back
  - Tamper switch
  - Alarm output
  - Door sensor input
  - Exit request input
  - Door bell button
- Holiday schedule
- Egress/Ingress function (schedule door to open/lock)
- Acknowledgment of acceptance: LED indicator, display indication and voice reply
- SMS (Short Message System)

Technical Specifications:
- Identification (Fingerprint)
  - Time: <=0.8s
  - FAR: <=0.0001%
  - FRR: <=1%
- Identification (Face)
  - Time   <=3s
- Transaction Capacity:
  - Event Log   100,000 events
  - Faces   "see Scalable"
  - Fingerprints   "see Scalable"
- Connectivity: TCP/IP, WIFI, RS232/485 Wiegand output (26 or 34 bit standard)
- Dimensions: 7.5 (L) X 3.5 (W) X 3.5 (D) in.
- Voltage input: 12 VDC (not supply included)
- Indoor use only
- Temperature range: 32°◦ 113°F (0°-45°C)

FaceKey™

Your Face is your Key
Networkable & Addressable

Users of the EntryGuard™ Face-Fingerprint Station can use his/her face to clock in/out at work or to power an electronic lock.

The FaceKey™ Face-Fingerprint Station can function as a standalone device or multiple units can operate over a network. Each unit is TCP/IP addressable and has a unique MAC address allowing visibility on the internet.

The unit(s) can be programmed to recognize an authorized user through fingerprint or facial recognition..

The EntryGuard™ FKFP unit can be ordered with a RFID card reader, (HID card format H10301 26 bit, Generic or Mifare). Each unit has a built in battery backup. Additional options are WIFI and SMS.

Software: The FaceKey™ Management Software automatically synchronizes all FaceKey EntryGuard™ product units with the network. If the network fails, the units will continue to operate and collect data which will be uploaded when communication with the server is reestablished. A software module to provide business rules and reports is available when unit is used for a time and attendance system.

Scalable: FKFP units may be added to the system as the need arises. *The FaceKey™ Management Software database supports an unlimited number of units and users.* Each Face & Fingerprint Station can accommodates up to 2,000 fingerprint templates and 1500 1:many and 3000 1:1 face templates. Call FaceKey for units with additional templates. (Special order: FP's 5,000)

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Description	Model #	Part #
Standard Access Control	FKFP-AC	8033110
Access Control HID Card Reader	FKFP-AC+HID	8033114
Standard Time Clock	FKFP-TA	8022030
Time Clock Generic Card Reader	FKFP-TA+EM	8022031

Revised 11-20-2013

Benefits and Features:
- Easy installation
- Connects directly to local area network
- Red and green status indicators
- Six(6) user defined function key
- 4.5" touch screen (TFT) display
- Utilizes optical fingerprint reader
- Utilizes infrared camera
  - Auto correct contrast & brightness
- Face Recognition
  - Face only
  - ID# + Face
- Fingerprint Recognition
  - Fingerprint only
  - ID + Fingerprint
- Key pad entry
  - ID# + PIN (password)
- Acknowledgment of acceptance: LED indicator, display indication and voice reply

Technical Specifications:
- Identification (Fingerprint)
  - Time: <=2s
  - FAR: <=0.0001%
  - FRR: <=1%
- Identification (Face)
  - Time <=3s
- Transaction Capacity:
  - Event Log 100,000 events
  - Face "see Scalable"
  - Fingerprint "see Scalable"
- Connectivity: TCP/IP, RS232, RS485 Wiegand output
- Optional GPRS or WIFI
- USB ports: 2
- Audio output: Schedule bell
- Dimensions: 7.8(L) X 5.7(W) X 4.25(D) inches
- Voltage Input: 12 VDC (supply included)
- Indoor use only
- Temperature
  Range: 32°◦ 113°F (0°-45°C)

FaceKey™

Your Face is your Key
Access Control
Networkable & Addressable

The FKFP-PRO2 works with both versions of FaceKey's Software. Software is sold separately.

<u>Three Factor ID is Available:</u>   The design permits the PRO2 to operate in one, two or three factor mode. The PRO2 has five ID methods which affords 19 ID combinations. The ID methods are: face, fingerprint, PIN, password or card reader. The ID methods can be presented in any order.

The FaceKey™ Face & Fingerprint PRO2 unit can function as a standalone device or multiple units can be connected over a network. Each unit is TCP/IP addressable and has a unique MAC address visible on the internet.

The FKFP-PRO2 when used for access control is a full featured access control device; see "Benefits and Features". The FKFP-PRO2 unit is available with a RFID card reader (HID, Generic or Mifare). The PRO2 when used as a time clock has the same features except the unit does not unlock doors.

 <u>Software:</u>   FaceKey's Software automatically synchronizes all FaceKey PRO2 devices with the network and manages the face and fingerprint templates. If the network fails, the units will continue to operate and collect data which will be uploaded when communication with the network is reestablished.

<u>Scalable:</u>   The FaceKey Software database supports an unlimited number of devices and users. Each *PRO2 unit* can accommodate up to 4000 fingerprint templates and 1500 *faces in* 1:many *mode. In* 1:1 *mode, the PRO2 can accommodate 4*000 *fingerprints templates and 4*000 face templates. Call FaceKey for units with additional templates.

Standard FKFP-PRO2 model and part nos. Contact FaceKey for special order products.

Description	Model #	Part #
Standard	FKFP-PRO2	8033152
Generic Card	FKFP-PRO2+EM	8033153
Mifare Card	FKFP-PRO2+MIL	8033155
HID/Desfire Card	FKFP-PRO2+HID	8033158

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Benefits and Features:
- Easy installation.
- Connects directly to local area network.
- Red and green status indicators.
- 2.8" TFT display.
- Optical fingerprint reader with cover.
- Auto correction contrast & brightness.
- Face recognition.
- Fingerprint recognition.
- Keypad (Lighted).
- Doorbell.
- Three factor ID: (19 ID combinations)
  - Face+fingerprint+card (example).
- Professional access control features
  - 50 Time zones.
  - 10 Unlock combinations.
  - 5 Groups.
  - Anti-pass back.
  - Tamper switch.
  - Alarm output.
  - Door sensor input.
  - Exit request input.
  - Doorbell button.
- Holiday schedule.
- Acknowledgment of acceptance: LED indicator, display indication and voice reply.
- Auxiliary input.

Technical Specifications:
- Identification (Fingerprint)
  - Time: <=0.8s
  - FAR: <=0.0001%
  - FRR: <=1%
- Identification (Face)
  - Time   <=3s
- Transaction Capacity:
  - Event Log   100,000 events
  - Faces   "see Scalable"
  - Fingerprints   "see Scalable"
- Connectivity: TCP/IP, RS485 Wiegand output/input (26 or 34 bit standard)
- Dimensions: 7.4 (L) X 3.3 (W) X 2.5 (D) in.
- Voltage input: 12 VDC (power supply not included)
- Indoor use only
- Temperature range: 32°◦ 113°F (0°-45°C)

Your Face is your Key
Access Control or Time Clock

Users of the FKFR-3K can clock in/out at work or access their work place.

The unit is designed for indoor use only. The internal cameras, digital and IR, auto adjust for background lighting.

Three Factor ID is Available: The design permits the FKFR-3K to operate in one, two or three factor mode. The FKFR-3K has four ID methods which affords 10 ID combinations. The ID methods are: face, PIN, password or card reader. The ID methods can be presented in any order.

The FaceKey™ FKFR-3K Station can function as a standalone device or multiple units can be connected over a network. Each unit is TCP/IP addressable and has a unique MAC address visible on the internet.

The FKFR-3K when used for access control is a full featured access control device, see "Benefits and Features". The FKFR-3Kunit is available with a RFID card reader (Generic or Mifare). The FKFR-3K when used as a time clock has the same features except the unit does not unlock doors.

Software: The FaceKey™ Management Software automatically synchronizes all FaceKey devices with the network and manages the face templates. If the network fails, the units will continue to operate and collect data which will be uploaded when communication with the network is reestablished. The FKFR-3K can connect to FaceKey's web based (cloud) TimeKeeper Time and Attendance System.

Scalable: The FaceKey™ Management Software database supports an unlimited number of devices and users. Each Standard FKFR-3K has 3,000 face templates and 50,000 ID cards if a card reader is imbedded. Call FaceKey to discuss.

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Standard FKFR-3K model and part nos. Contact FaceKey for special order products. (Optional WIFI Available)

Benefits and Features:
- Easy installation
- Connects directly to local area network
- Red and green status indicators
- 2.8" touch screen (TFT) display
- Auto correction contrast & brightness
- Face recognition
- Virtual keyboard and keypad
- Three factor ID:
  - Face+PW+card (example)
- Professional access control features
  - 50 Time zones
  - 10 Unlock combinations
  - 5 Groups
  - Anti-pass back
  - Tamper switch
  - Alarm output
  - Door sensor input
  - Exit request input
  - USB Port to download/upload
- Holiday schedule
- Egress/Ingress function (schedule door to open/lock)
- Acknowledgment of acceptance: LED indicator, display indication and voice reply
- SMS (Short Message System)

Technical Specifications:
- Identification (Face)
  - Time   <=1s
- Transaction Capacity:
  - Event Log   100,000 events
  - Faces   3000
- Connectivity: TCP/IP, USB host, WIFI
- Wiegand output (26 or 34 bit standard)
- Dimensions: 4.125 (L) X 6.3 (W) X 1.4 (D) in.
- Voltage input: 12 VDC (supply not included)
- Indoor only
- Temperature range: 32°◦ 113°F (0°-45°C)

Description	Model #	Part #
Standard	FKFR-3K	8033170

FaceKey's EntryGuard™ Security Relay Box (SRB) is a cost effective single door controller to enhance access control in a simple and secure way.

The SRB is used in conjunction with the AC-200, AC-300, AC-SF3, AC-65, and FKFP-OS devices. The SRB is a secure door controller that provides an encrypted Wiegand communication output to open an electric lock. The SRB is recommended for installations where the customer asks that the controller be on the inside as opposed to the outside of the door. SRB requires 12 VDC power which is provided by EntryGuard™ product.

The EntryGuard™ SRB is 1.9" X1.5" X 0.6" with two tabs for an easy connection to ceiling or wall.

An exit request input is provided for connecting an exit request button or a Motion detector. The SRB has 2 LEDs for status, red and green.

The SRB receives an encrypted Wiegand signal from the EntryGuard™ Access control terminal to control the electric lock, hence providing high security and safety for outside/inside doors.

Part Number	Model
2000064	AC-SRB

FaceKey™ Corporation

FaceKey's EntryGuard™ Desktop Enrollment reader, (scanner), allows an administrator to enroll employees fingerprint templates using the EntryGuard™ Access Control Management Software or the EntryGuard™ Time and Attendance Management Software.

The reader connects to the Software via a USB port, (1.0 or 2.0 protocols).

The EntryGuard™ desktop reader in most cases is included with the EntryGuard™ Software packages (Access Control or Time and Attendance).

The design allows for easy enrollment at a central enrollment station.

An SDK is available if you wish to create a custom application or integrate this reader into a custom software packages.

<u>Specifications:</u>

800 dpi
Green laser
Polished glass surface
Weighted base
FaceKey's user license embedded
Stands 3 ¼ "for easy placement of finger.
Compatible with version 9.0 and 10.0 fingerprint formats
Driver compatible with Windows: XP/Win 7/Win 8

Part Number	Model
5000027	DRM-FP

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Revised 2-5-2013

Shepherd Elite Series
FKFR-10k

Face Recognition Access Control
for any weather inside or out

With its 10,000 face templates, the FKFR-10K is a game changer in Access Control Systems. The FKFR-10K can recognize a face walking up at a distance of 7 feet with its extra wide-angle recognition in less than 1 second. Larger companies can now have the benefits of face recognition for its customers and employees.

Its IP65 rating allows it to serve indoor and outdoor access points. Using a 7-inch touchscreen, the FKFR-10K has a face capacity of 10,000, the fingerprint and card capacity both are 10,000 (optional). Palm recognition is available.

Supported by the Shepherd Elite Software, The FKFR-10K can matchup a live face with its enrolled template in less than a second. During enrollment, a user can be assigned their privileges., all automatically, saving you time.

Spoofing, via photo attacks, video attacks and 3D mask attacks is prevented by anti-spoofing algorithms. You can be assured that only live persons are accepted.

The System runs on the network using common protocols. Each device can be seen on the web with their unique MAC address. The device is compatible with third party turnstiles.

Shepherd Elite Software
Expandible – serving today and tomorrow!

The Shepherd Elite Software is a fully integrated enterprise level software comprised of multiple modules.

Access Control	**Video Camera Surveillance**	**Visitor Management**
License Plate Recognition	**Temperature Measurement**	**Guard Walk Control**
Time and Attendance		**Elevator Control**

Service and Support

Service contracts are available. Support is provided by live person.
Support can be via text, email, telephone, in person or remote.

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FKFR-10K 9-30-2020

Waterproof Mobile Reader
A variety of models are available.

FaceKey's EntryGuard™ mobile reader identifies the user and records who, when and where the reader is used. The TA-HH is a unique portable fingerprint attendance terminal with a rubber coating. The unit is waterproof and dustproof with efficacy rated at the IP65 protection grade. The TA-HH is shockproof up to one meter above the ground, if dropped. The unit has a handle at the top.

The TA-HH mobile reader with its low power consumption and design delivers long standby and usage time. The unit comes with a long life lithium-ion battery.

High Capacity Feature
The standard fingerprint capacity of the unit is 5,000 and can be ordered with a capacity of 10,000 templates. The TA-HH is available with generic or Mifare card readers.

Applications
The EntryGuard™ mobile TA-HH lends itself to a variety of applications. For example: time and attendance systems, mustering drills or custom applications.

The mobile device is convenient for attendance in industries such as construction, mining and agriculture.

Compatibility:
The fingerprints enrolled by the TA-HH fingerprint reader can be shared with other EntryGuard ™ devices. The mobile models are network based and utilize the same software common to the entire EntryGuard™ family of products.

Expandability
The Linux OS offers more flexibility for integrators to develop new and custom applications and features.

* HID card format H10301 26 bit

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Benefits and Options
- OS Linux
- Equipped with optical fingerprint reader and keypad
- 16-Key Keypad 0-9 and 6 function keys
- 8 Programmable function keys/hot keys
- Acknowledgment of acceptance: LED indicator, display indication and voice reply
- Centralized enrollment available with Management Software (optional)
- Database: Access, SQL and others available with FaceKey™ Management Software package
- SMS (Short Message System) individual and public
- Daylight savings time (DLST)
- T9 input for Alpha input at keypad
- 3.5" TFT display

Technical Specifications:

Connectivity:	TCP/IP, RS232 & USB host
Optional:	WiFi, GPRS or 3G(WCDMA)
Fingerprint Capacity:	5,000 (Optional 10K)
Card Capacity:	30,000
Transaction Storage:	200,000 activities
Identification Time:	<=1s
FAR:	<=0.0001%
FRR:	<=1%
Power Supply:	AC-110-230/ DC 5V 2A
Battery	7600 mAh Lithium-ion
Battery Life Usage	4 hours
Battery Life Standby	3 days
Dimensions:	9 X 9.25 X 5 (H X W X D)
Temperature Range:	32°-113°F (0°-45°C)
Humidity Range:	20%-80%
Net weight (with battery):	468g (1.2 lbs.)
Protection Grade:	IP65

Model #	FaceKey Part #
TA-HH+MIL	8022048
TA-HH+EM=WIFI	8022049
TA-HH+MIL+WIFI	8022050
TA-HH+EM+GRPS	8022051
TA-HHNIL+GRPS	8022052
TA-HH+WIFI	8022053
TA-HH+HID+WIFI*	8022054
TA-HH+EM	8022055
TA-HH+HID+GRPS*	8022057
TA-HH	8022058

Revised 3-12-2015

Floresville Electric Light & Power System, Floresville, TX – Access Control for entrances, overhead doors and gates.

Lyssy and Eckel Feed, Poth, TX – Time and Attendance System for several locations.

## Payment Data Systems Inc., San Antonio, TX – Access Control

"While we had a small project (two units), we were made to feel if we had a really large project in terms of the attention we received.

Under a contract between the building management and an integrator, we installed two FKFP-AC-PRO units. We selected these models because of their compact design and high function. Each of the two access points required different security access methods for different groups. To our main office facility, we deployed facial and fingerprint access for our employees and PIN codes for building personnel such as property managers, building security, and janitorial services. For the other sensitive access point fewer personnel were given access. In addition to the security protocol on each access point, each group was further restricted or allowed access to a particular access point which was based on the day of week and time of day". Michael Long- CEO Payment Data Systems Inc.

The Champion Group, San Antonio, TX – Access Control for facilities, server and file rooms.
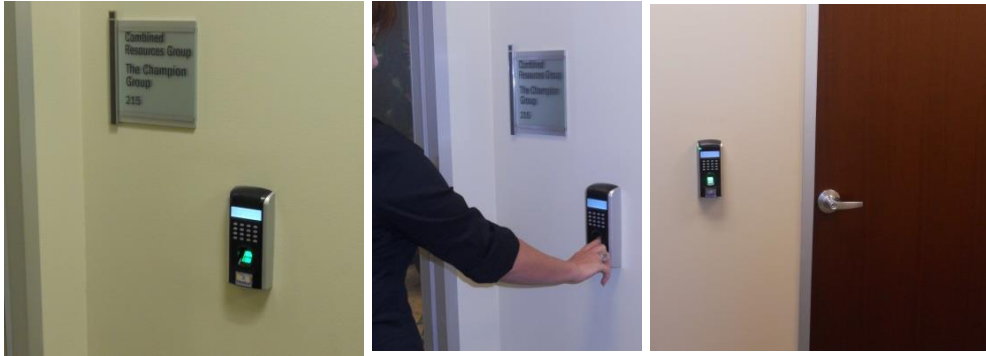
Napco Security Technologies, Inc., Amityville, NY – An security products manufacturer, offers FaceKey products as their biometric solution for access control.

United Security Alliance, Inc., Tampa, FL – Reseller for access control and time and attendance systems.

Nix Hospital System, LLC, San Antonio, TX - Has installed access control in their facilities using the FaceKey AC-02 model product. The units are installed on drug cabinets, pharmacies, file rooms and special equipment rooms.

Higuchi Manufacturing America, San Antonio, TX - Access control entrances to building and conference room.

San Antonio Technology Center, San Antonio, TX - Access control to entrances to building and Co-location room where they rent out space to house severs for other companies in the San Antonio area.

San Antonio Military Medical Center, San Antonio, TX - Our AC-07 access control device is controlling key-lockers using two factor identification, fingerprint and employees access proximity cards.

GTECH Architects of Gaming, Austin, TX - GTECH increased the capability of their current system by adding face recognition to the badge system they have in place. GTECH is increasing their security by going to two factor ID which insures that all employees have their ID badge at all times and cannot share badges.

Genesis Networks, Inc., San Antonio, TX – Installed access control in San Antonio, TX and Austin, TX facilities.

Genesis Concepts & Consultants, San Antonio, TX - Access control in facilities.