

MicroKeyVault™

REMOTE ACCESS, MADE SIMPLE



GRANT KEYLESS ACCESS ON DEMAND

The MicroKeyVault system is a cost effective and secure way to manage remote access for individuals or groups. With a user friendly interface, authorized users can access the vault containing a key, card or fob inside. As system requirements change, system administrators can grant or revoke access in real-time.

SECURITY & ACCOUNTABILITY

The details are in the audit! The MicroKeyVault system tracks every time an access code is requested, both authorized and unauthorized. The system also records the time a vault is opened and relocked, along with details on whether a PIN or Bluetooth was used for the event.



MOBILE APP ACCESS MODES:

- Bluetooth Scan Unlock –View a list of all vaults within range, and selectively unlock via Bluetooth.
- QR Code Unlock – Scan the vault QR Code to unlock via Bluetooth
- Retrieve Temp Code – Enter the vault ID to retrieve a rolling temporary access PIN
- Retrieve Morning/Night Codes - Enter the vault ID to retrieve morning and evening PINS

ALTERNATE ACCESS MODES:

- SOC (Security Operations Center) Mode - As users arrive at the designated opening they call the SOC to retrieve a temporary access PIN

Vault ID Tag

- Full anodized print. QR code, text and numbers are embedded and sealed into the aluminum
- Abrasion, chemical and weather resistant
- 3M 467MP adhesive
- 100% aluminum with matte surface
- 400 deg F maximum temperature rating
- Lasts 10+ years outdoors

General

- Part Number: AS006721
- Dimensions: 3-1/4" W x 5" H
- Metal Body for Durability
- Rolling PIN by Default
- Optional Default PIN and Bluetooth access
- 2000 Audit Event Storage
- Low Battery Indication: Yellow Light (Open Button)
- Battery: CR123A
- Battery Life: Approximately 3 Year or 10,000 Cycles
- Operating Temperature: - 40° to 125° F
- 9V Jump Start contacts for battery backup
- Weight: 2.35 lbs

AS006870 Alarm Module Option

The alarm module mounts directly between the vault and the mounting surface, and allows you to connect vault tamper and shock sensing into your existing alarm system. The included plunger switch (press-fit into the mounting surface during installation) activates if the vault is removed from the mounting surface. The included shock sensor activates if the vault is subjected to extreme shock.

Tamper Detect Plunger Switch Specification:

Manufacturer	AMSECO
Mfg. Part Number	PSW-21
Mounting	Press fit into 3/8" drilled hole in mounting surface
Circuit Type	N.O., when in contact with vault (plunger in).
Contact	22AWG 25" lead
Contact Rating	10VA
Current Rating	1A
Max Switching Current	0.4A
Operating Force	200-300g

Shock Sensor Specifications:

Manufacturer	SECO-ALARM
Mfg. Part Number	SS-040Q
Circuit Type	N.C., momentarily open when activated
Contact Pressure	Adjustable from 1 to 50 grams but recommended setting between 5 and 25 grams only. Supplied with pressure of approx. 6 grams
Current Rating	1A @ 50VDC
Contact	Silver with gold plating. 22AWG 25" leads provided
Operating Temperature	-40° to 167° F

AS006721 MicroKeyVault Installation

ANY RETROFIT OR OTHER FIELD MODIFICATION TO A FIRE RATED OPENING CAN POTENTIALLY IMPACT THE FIRE RATING OF THE OPENING, AND MIDWEST SECURITY PRODUCTS MAKES NO REPRESENTATIONS OR WARRANTIES CONCERNING WHAT SUCH IMPACT MAY BE IN ANY SPECIFIC SITUATION. WHEN RETROFITTING ANY PORTION OF AN EXISTING FIRE RATED OPENING, OR SPECIFYING AND INSTALLING A NEW FIRE-RATED OPENING, PLEASE CONSULT WITH A CODE SPECIALIST OR LOCAL CODE OFFICIAL (AUTHORITY HAVING JURISDICTION) TO ENSURE COMPLIANCE WITH ALL APPLICABLE CODES AND RATINGS.

- The MicroKeyVault can be mounted to wood using the wood screws that are provided.
- For masonry applications use (4) 3/16" x 1 1/2" Tapcon or similar screws (or 2" Tapcon screws if installing with AS006870 Alarm Module)
- See template for mounting dimensions
- Typical mounting height is 51". Please consult local codes to ensure compliance.
- Typical installations can be done in less than 60 minutes.

AS006870 Alarm Module Installation

The alarm module requires additional holes to be drilled in the vault mounting surface. See mounting template for instructions. Alarm system wiring, including compliance with applicable codes, is the responsibility of the end user.

