

AVAC

anti-skimming vestibule access control



Features

- Anti-skimming card reader
- Uses standard ATM cards
- Assists physically challenged customers
- Simple Day/Night operation
- Supports BIN programming
- Optional custom programming
- Fully supervised & alarmed

Benefits

- Only valid magstripe cards allowed
- Alarm triggers on detection of anti-skimming device
- Specially designed faceplate (*patent pending*) makes it difficult to attach skimming devices

For...

**ATM
Vestibule
Doors**

VEREX
A UTC Fire & Security Company

The Problem...

Countless millions of dollars are being stolen by thieves using counterfeit credit and debit cards. As one method of skimming the data from a card, thieves install a skimming reader over the card reader of an ATM vestibule door. The skimming reader reads the card's data as it is inserted into the reader and transmits it to the thieves. It looks identical to the real reader and does not affect the operation of the real reader so that the user is not aware of the fraud being committed.

The Solution...

The AVAC's anti-skimming card reader provides protection against skimming at ATM doors by responding when a skimming device has been placed over it. The AVAC will not unlock the ATM entrance door and will generate an alarm after a preconfigured number of card insertion attempts have been made.

Uses Standard ATM Cards

The same card used to access the ATM can be used to unlock the vestibule entrance. Choose to have access with any magnetic stripe card, or only for cards with specific Bank Identification Numbers (BINs) corresponding to specific bank or banking networks. Optionally accept all cards except for certain specified BIN numbers. When the use of BINs is preferred, these can easily be set up using an optional keypad.

Assists Physically Challenged Customers

The controller integrates with existing door operating equipment for the physically challenged.

Entrance Buzzer

If an optional buzzer is installed, the buzzer will sound to let patrons already inside the vestibule know that another user has entered. This safety feature is particularly useful at night.

Simple Day/Night Operation

For sites where the vestibule is also an entrance to the bank itself, a simple "Day/Night" switch is provided which allows free access during business hours and requires card access afterwards.

Specifications¹

Doors / Readers	1 door / 1 reader
Card Access Technology	Magnetic stripe - Track 2 - ABA
Inputs	<ul style="list-style-type: none"> • Anti-skimming card detection • Door contact - dual EOL supervised • Day / Night switch (<i>included on side of cabinet</i>)
Outputs	<ul style="list-style-type: none"> • Door unlock - Form C relay, 10 A, 250 VAC • Physically challenged door opener - Form A relay • Alarm or Shunt - Form A relay • Buzzer for Entry Warning and Door Held Open
Card Capacity	<ul style="list-style-type: none"> • Unlimited when set to recognize any valid magnetic stripe card with Track 2 encoding • Up to 400 Bank Identification Numbers (BINs) or individual access cards
Programming Features	<ul style="list-style-type: none"> • Accept all cards (<i>default mode</i>) • Accept only specified BINs* • Deny only specified BINs* <i>* Programming keypad required</i>
Power	<ul style="list-style-type: none"> • 12VDC, 0.5A power supply included in cabinet to power controller and reader • Requires 16.5 VAC, 37 VA, Class 2 transformer • Cabinet has space for 7.0 AH backup battery
Cabinet Dimensions	228 mm W x 254 mm H x 76 mm D (9" x 10" x 3")
Environmental	<p>0°C to 40°C (32°F to 104°F)</p> <p>5% - 90% RH non-condensing</p>