



# TR<sup>2</sup>VE™

## Access & Power Integration

### TMV2

- Altronix/Mercury/HID VertX® door backplane for Trove2 and Trove3

## Installation Guide

#### Overview:

TMV2 accommodates a variety of Mercury/HID VertX® boards with or without Altronix sub-assemblies for access systems of up to twelve (12) doors.

#### Specifications:

- 16 Gauge backplane.  
Dimensions (H x W x D): 23.75" x 18.125" x 0.3125" (603.3mm x 460.3mm x 7.9mm).

#### Backplane Accommodates a Combination of the Following:

- Up to three (3) ACM4(CB), MOM5, PD4UL(CB), PD8UL(CB), PDS8(CB), VR6, GB1 (Genetec Synergis Cloud Link adapter plate).
- Up to six (6) Mercury EP1502, MR52, MR16IN, MR16OUT, EP2500, MUX8.
- Up to six (6) Vertx® V100, V200, V300, V1000, V2000.

#### Hardware:



## TMV2: Configuration of Mercury and/or Altronix Boards

### Mercury Access Controllers:

1. Fasten snap on standoffs onto metal pems configuration (A) (B) of backplane depending on the access controller (*Fig. 1, pg. 2*).
2. Position access controller module over corresponding standoffs and depress onto snap on standoffs (*Fig. 1a, pg. 2*).
3. Mount backplane to enclosure with hardware.

### Altronix Sub-Assemblies and/or Adapters:

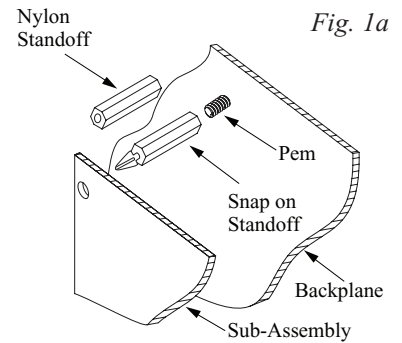
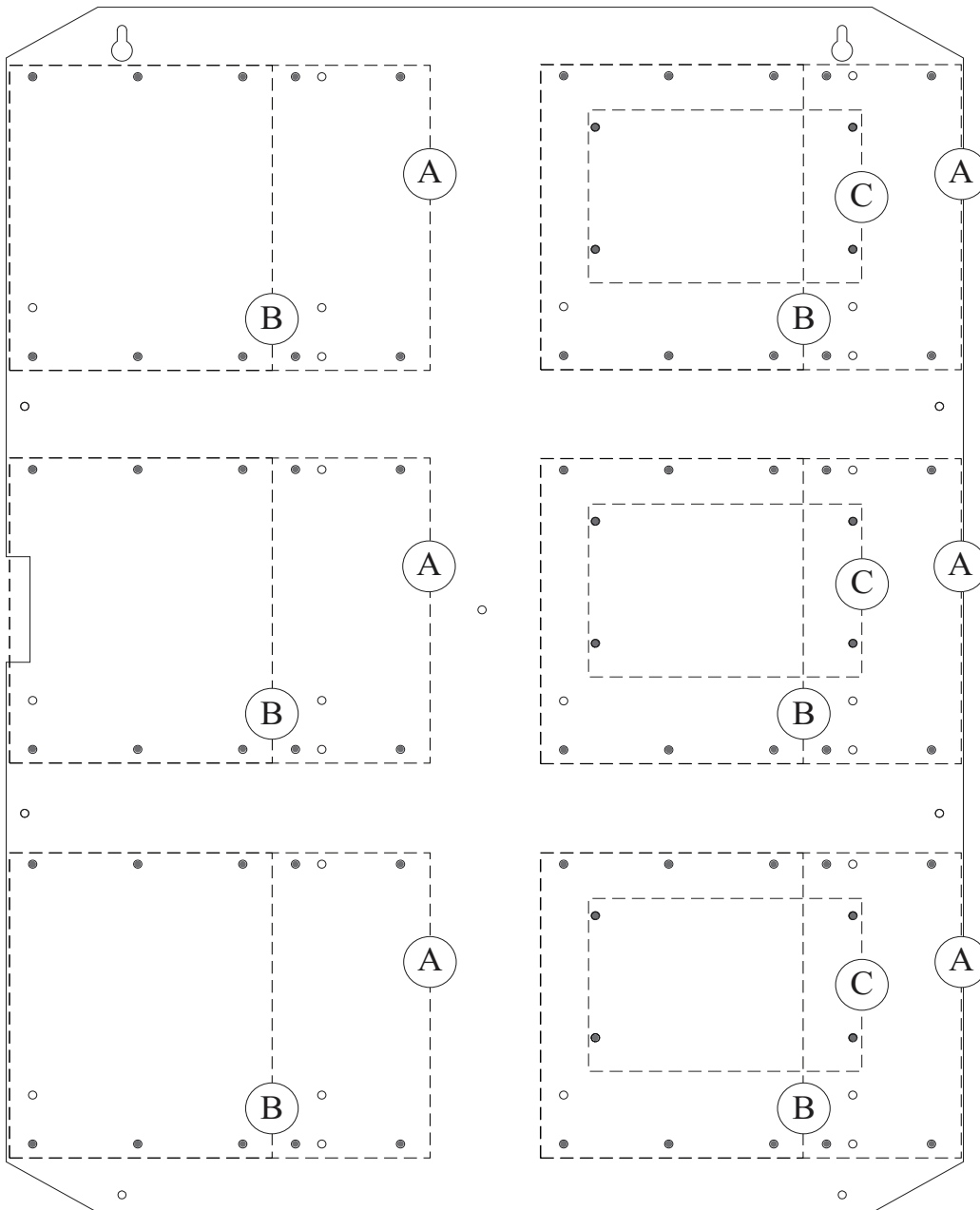
1. Fasten nylon / snap on standoffs to pems which match the hole pattern for Altronix Sub-Assemblies (*Fig. 1, 1a, pg. 2*).
2. Mount boards to standoffs utilizing pan head screws provided with the product or by depressing board onto snap on standoff (*Fig. 1, pg. 2*).

Note: For GB1 please use standoffs supplied with the adapter.

### Access Controller Position Chart for the Following Models:

Mercury	
Access Controller	Pem Mounting
EP1502, MR52, MR16IN, MR16OUT	Ⓐ
EP2500, MUX8	Ⓑ
Altronix	
Sub-Assembly or Adapter	Pem Mounting
ACM4(CB), MOM5, PD4UL(CB), PD8UL(CB), PDS8(CB), VR6, GB1 (Genetec Synergis Cloud Link adapter plate)	Ⓒ

Fig. 1



## TMV2: Configuration of HID VertX® and/or Altronix Boards

### HID VertX® Access Controllers:

1. Fasten standoffs (provided) to pems which match the hole pattern for HID VertX® V100, V200, V300, V1000 or V2000 boards (*Fig. 2, pg. 3*).
2. Mount boards to standoffs (*Fig. 2, pg. 3*) utilizing 7/8" pan head screws (provided).
3. Fasten backplane to Trove2 enclosure door utilizing lock nuts (provided).

### Altronix Sub-Assemblies and/or Adapters:

1. Fasten nylon / snap on standoffs to pems which match the hole pattern for Altronix Sub-Assemblies (*Fig. 1, 1a, pg. 2*).
2. Mount boards to standoffs utilizing pan head screws provided with the product or by depressing board onto snap on standoff (*Fig. 1, pg. 2*).

Note: For GB1 please use standoffs supplied with the adapter.

### Access Controller Position Chart for the Following Models:

HID VertX®	
Access Controller	Pem Mounting
V100, V200, V300, V1000 or V2000	Ⓐ
Altronix	
Sub-Assembly or Adapter	Pem Mounting
ACM4(CB), MOM5, PD4UL(CB), PD8UL(CB), PDS8(CB), VR6, GB1 (Genetec Synergis Cloud Link adapter plate)	Ⓑ

Fig. 2

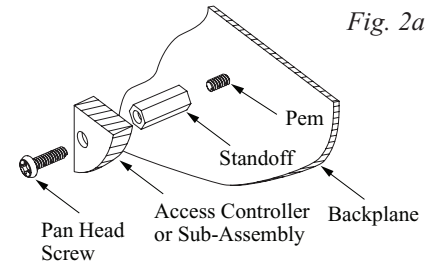
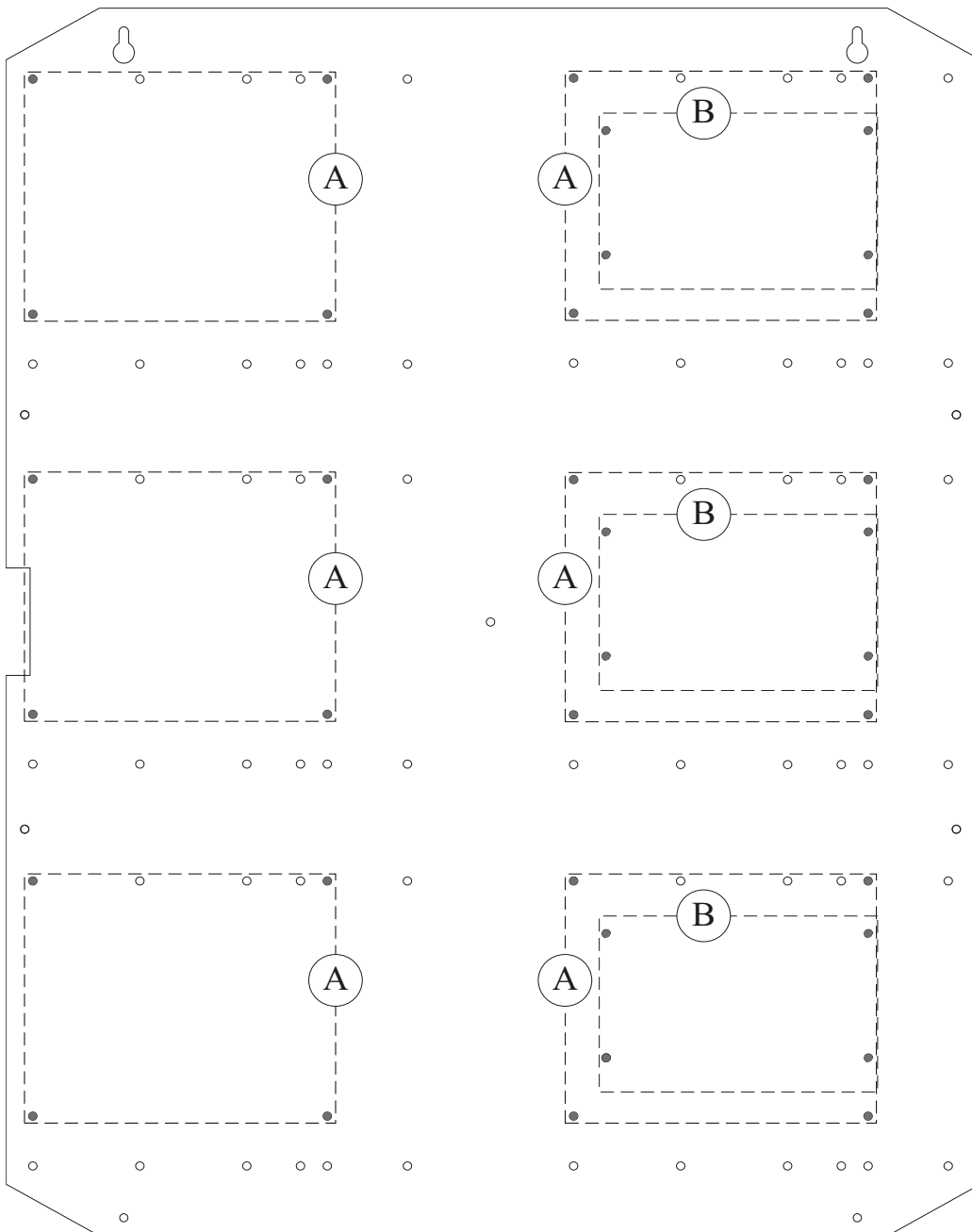
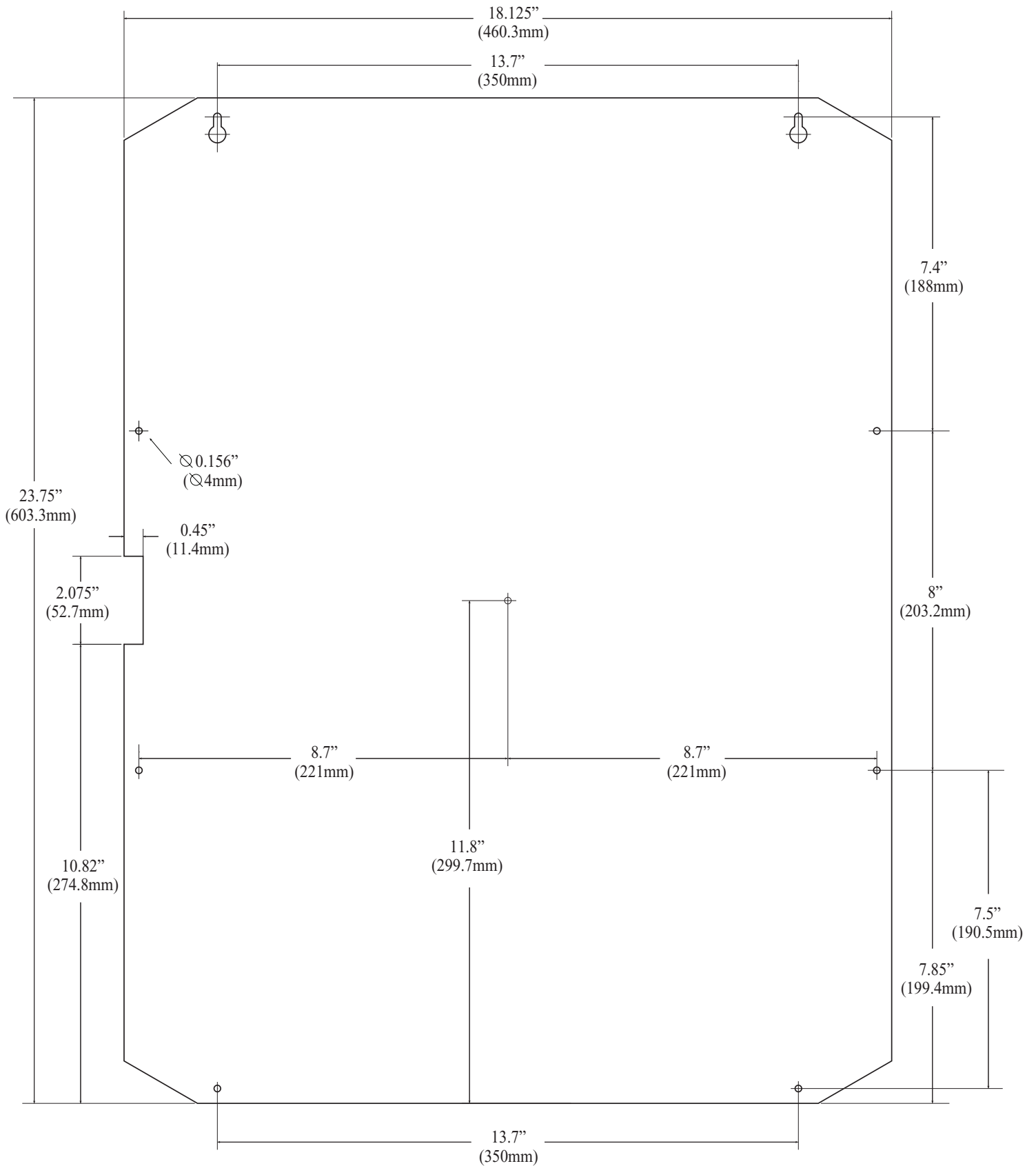


Fig. 2a

**TMV2 Backplane Dimensions (H x W x D):**  
 23.75" x 18.125" x 0.3125" (603.3mm x 460.3mm x 7.9mm)



Altronix is not responsible for any typographical errors.

140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056  
 web site: [www.altronix.com](http://www.altronix.com) | e-mail: [info@altronix.com](mailto:info@altronix.com) | Made in U.S.A.  
 IITMV2

A16S



TMV2 - Altronix / Mercury / HID VertX Door Backplane