



## TMV2

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

# Installation Guide

TMV2\_Rev. 110217

### 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 LP1502, MR52, MR16IN, MR16OUT, LP2500, MUX8.
- Up to six (6) VertX® V100, V200, V300, V1000, V2000.

### Hardware:

 Snap on Spacer |  Nylon Spacer |  7/8" Pan Head Screw |  Lock Nut

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

### Mercury Access Controllers:

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

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

1. Fasten nylon / snap on spacers to pems which match the hole pattern for Altronix Sub-Assemblies (*Fig. 1, 1a, pg. 2*).
  2. Mount boards to spacers utilizing pan head screws provided with the product or by depressing board onto snap on spacer (*Fig. 1, pg. 2*).
- Note: For GB1 please use spacers supplied with the adapter.

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

Mercury	
Access Controller	Pem Mounting
LP1502, MR52, MR16IN, MR16OUT	(A)
LP2500, MUX8	(B)
Altronix	
Sub-Assembly or Adapter	Pem Mounting
ACM4(CB), MOM5, PD4UL(CB), PD8UL(CB), PDS8(CB), VR6, GB1 (Genetec Synergis Cloud Link adapter plate)	(C)

Fig. 1

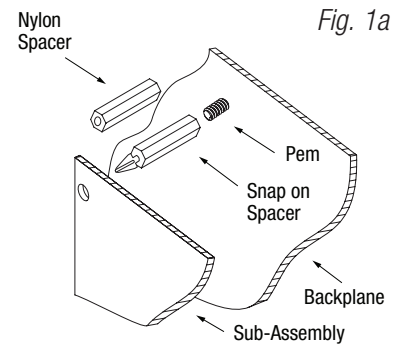
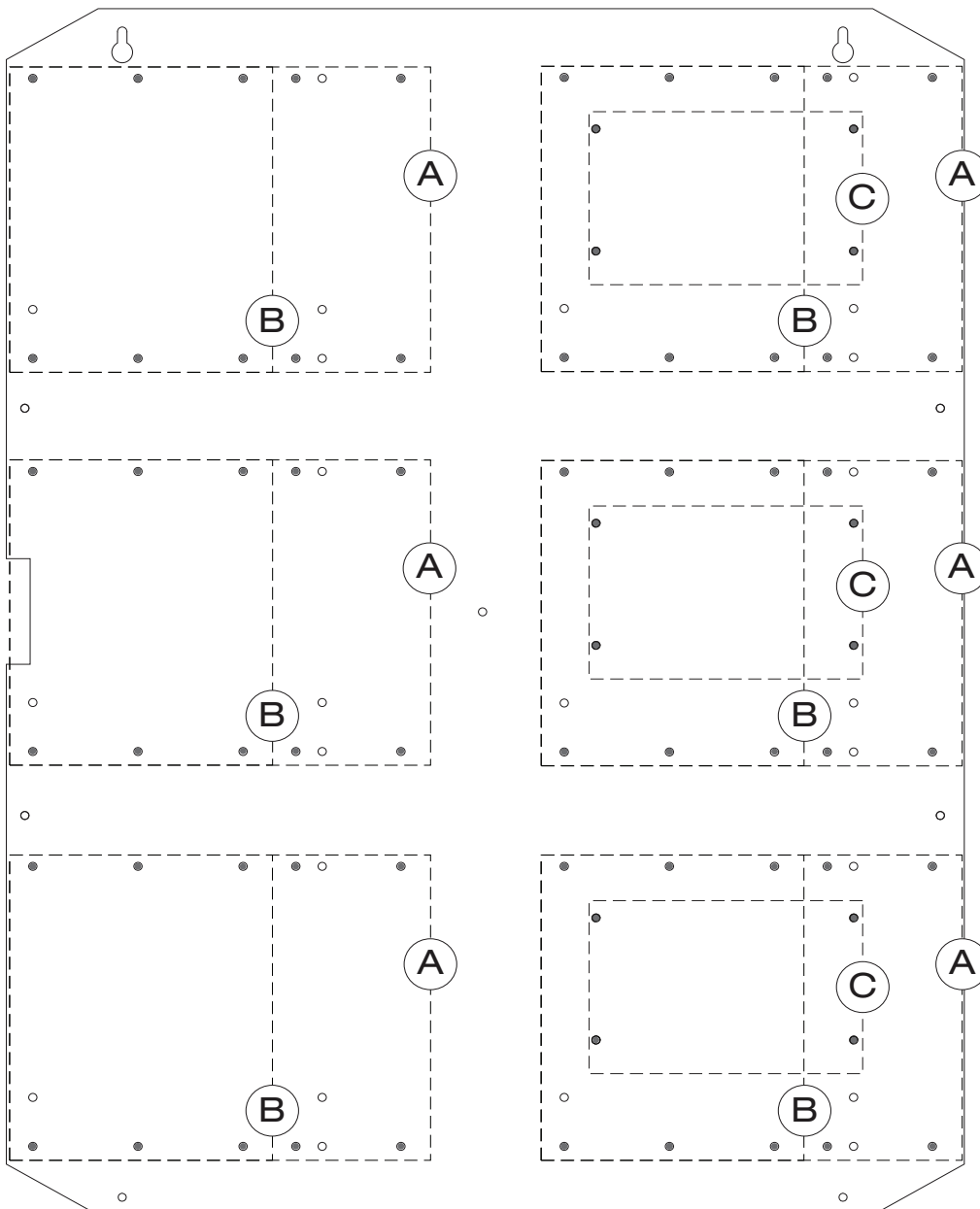


Fig. 1a

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

### HID VertX® Access Controllers:

1. Fasten spacers (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 spacers (*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 spacers to pems which match the hole pattern for Altronix Sub-Assemblies (*Fig. 1, 1a, pg. 2*).
  2. Mount boards to spacers utilizing pan head screws provided with the product or by depressing board onto snap on spacer (*Fig. 1, pg. 2*).
- Note: For GB1 please use spacers supplied with the adapter.

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

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

Fig. 2

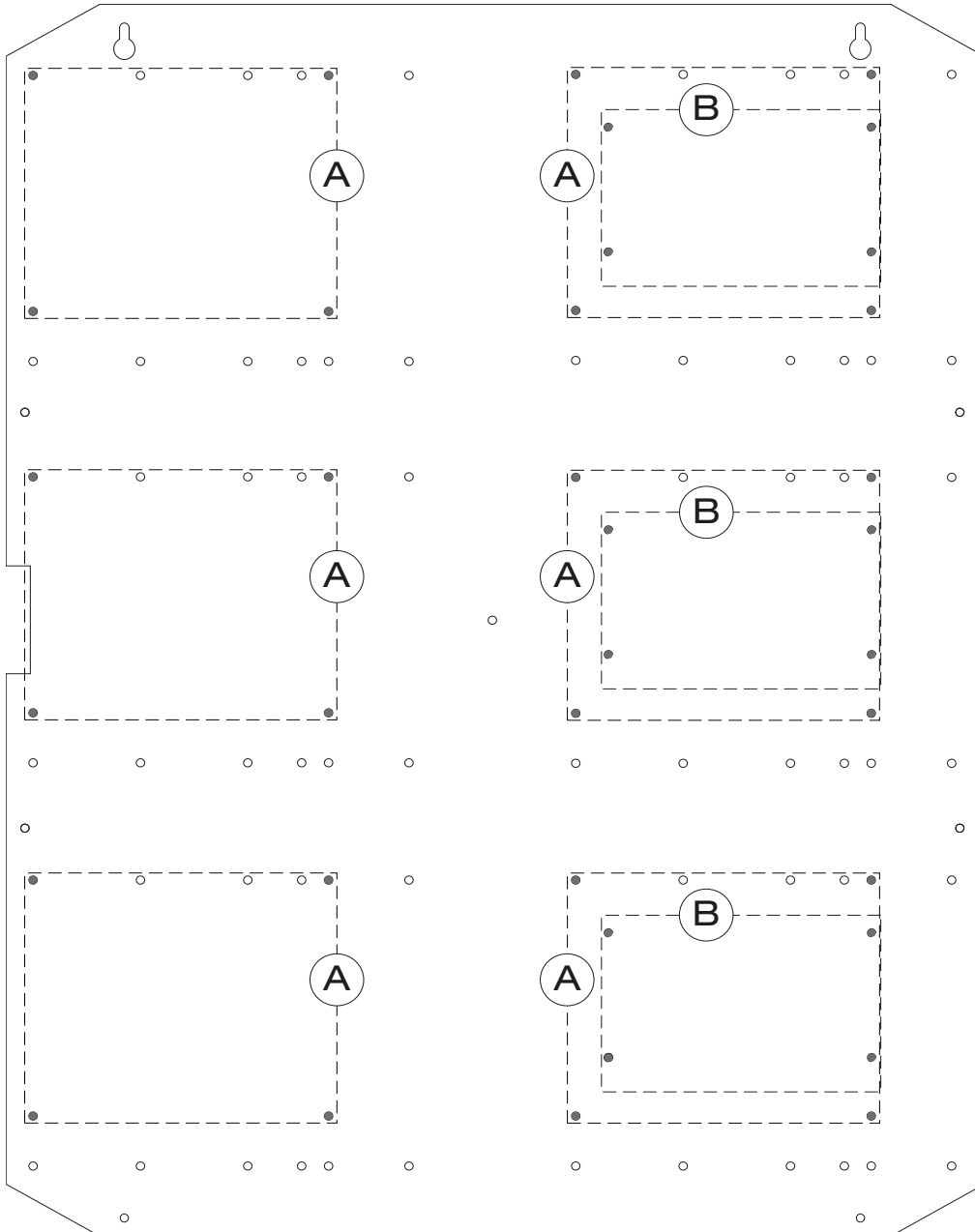
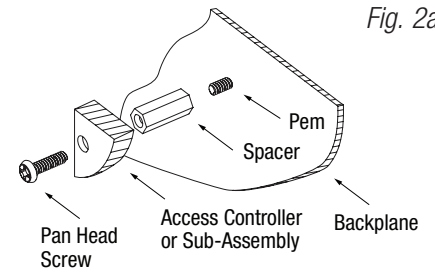
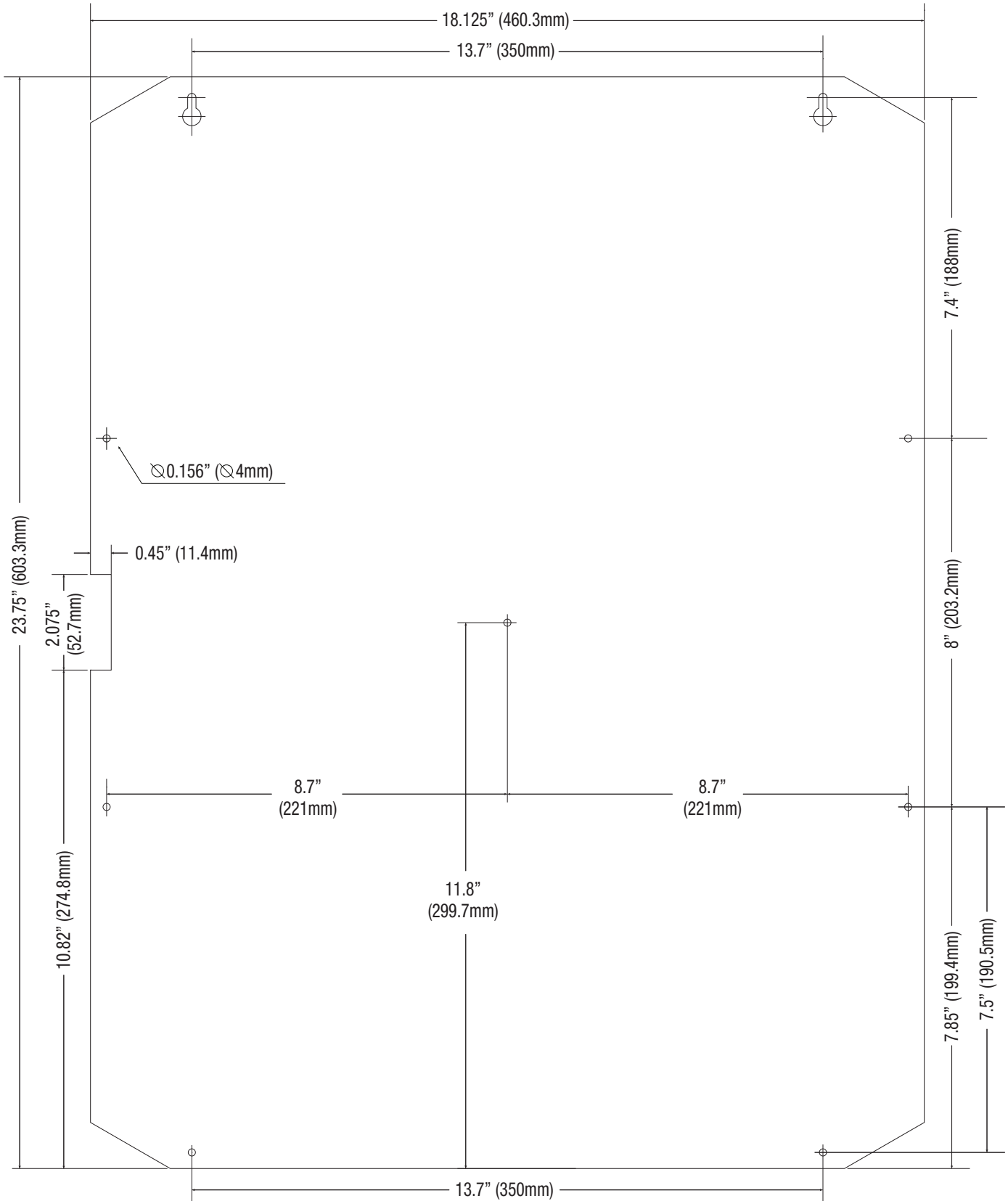


Fig. 2a



**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.

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