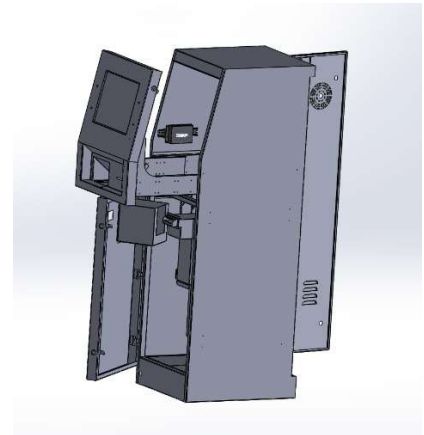


I-ESEC Security Board

The main purpose of the I-ESEC Security Board is to monitor changes occurring in its surroundings. This is made possible by utilizing electronic sensors such as an accelerometer and gyroscope to assess the current state of the device's surrounding environment and react to its variations. Using this information, three different outputs can be activated, for example, a siren to deter additional tampering. For remote monitoring, the board can report any alarms to the Back Office, for visual display and notifications. The device is therefore an ideal enhancement to existing security and alarm systems.

Features

- **Monitors tilt, vibration, temperature, and inputs**
 - Tilt = Tipped cabinet
 - Vibration = Cutting, grinding or prying
 - Temperature = Cutting torch
 - Inputs = Door switch or other switch types
- Up to 4 different profiles can be set to provide a wide range of trigger and action options
- Once profiles are set, can work autonomously, with no connection to the cloud
- Outputs can be used to control sirens, buzzers, strobe lights, relays, locks, etc
- Can be set to send email notifications via the web in the case of an alarm event during remote monitoring



Technical Specification

Power supply:	+5V DC & +12V DC from external power supply
Inputs:	3x INPUTS, 3x connectors Molex MiniFit Jr. Devices use Molex Part# 0039013022, PIN 0039000038
Outputs:	3x OUTPUTS, 1x connector Molex MiniFit Jr. Devices use Molex Part# 0039012060, PIN 0039000038 Max amp. 6.3 A
Interface communication:	1x RJ45 Ethernet connection to internet
Max. output current:	6.3A (12V power supply)
Size:	4.84 in x 3.11 in x 1.24 in
Kiosk mounting:	Direct screw mounting to 7mm standoffs Magnet mounting Standard DIN rail mounting

I-ESEC Mounting Options

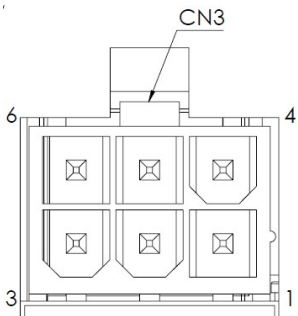
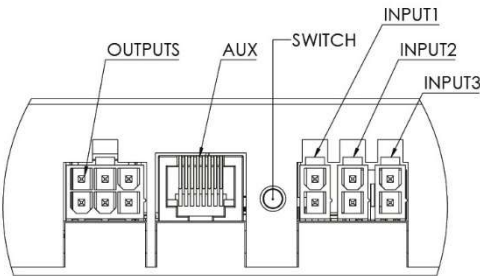
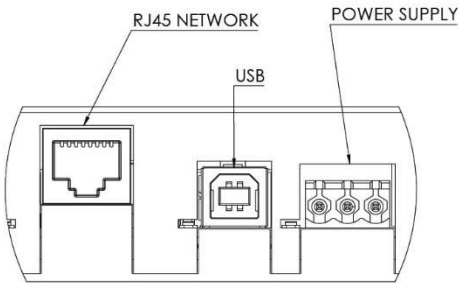


Figure 1 Magnets



Figure 2 DIN Rail

I-ESEC v2 Connections



CN3 Mini-Fit Jr; 4,2mm; PIN: 6

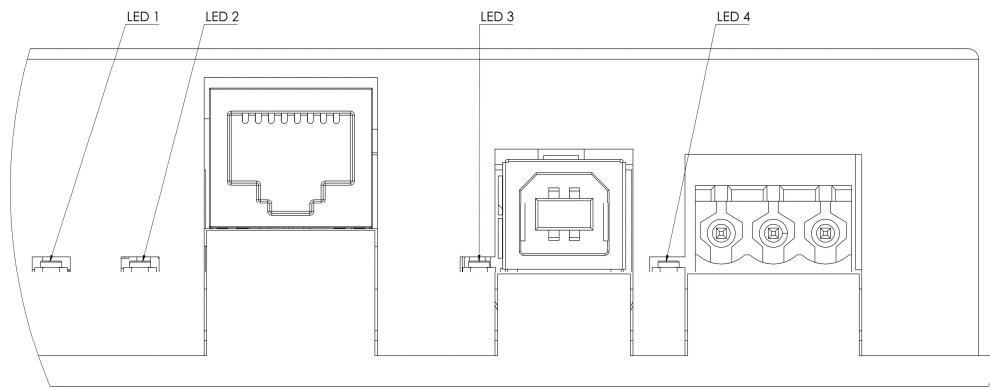
PIN	Function
1	Signal OUTPUT - POUT3
2	Signal OUTPUT - POUT2
3	Signal OUTPUT - POUT1
4	+12V DC
5	+12V DC
6	+12V DC



Note: 5V is to power the board, 12V is to power outputs.
The diagram shows how to properly supply power to I-ESEC v2.

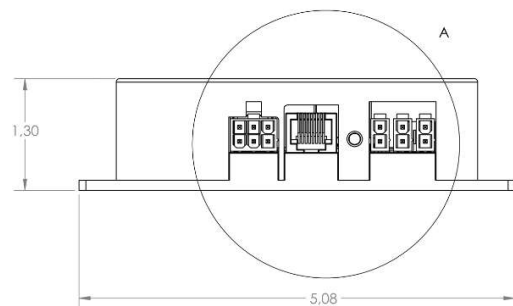
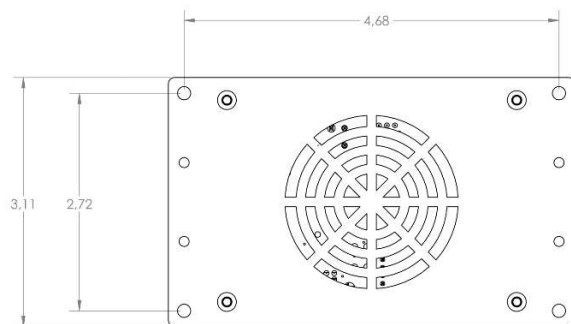
Note! Make sure that power is applied correctly as failing to do so will damage the board and render it unusable.

LED Description



LED 1 = Red - Error
LED 2 = Green - Correct Operation
LED 3 = Blue - Slow blink = Profile active
Fast blink = Alarm mode
LED 4 = Orange, 5v power

Dimensions



Optional Accessories Available From INEX

Inputs				
				
Outputs				
				
				
Power Supply				

INEX USA
5512 S Fort Apache Rd STE 100
Las Vegas, NV 89148
www.inex-usa.com

