

## Overview & Components

INSOMNIAC CIA consists of the three main hardware components: The gateway, keypad and relay expansion modules. A typical self storage facility will use a gateway and one or more keypads. The relay expansion modules are typically used for elevator and lighting controls. The Storage Genie mobile app communicates with the keypad from the user's mobile device using the keypad's built-in Bluetooth Beacon technology.

### Gateway

Enclosure: Indoor, Aluminum, Power Coated  
Communications: RS485 (2), Optional Wireless (900 MHz), Ethernet  
Secure Communications: Yes; No requirement for static IP; Open Ports or Port Forwarding  
Form C Relay Outputs: 4  
Auxiliary Inputs: 8  
Wiegand Interface: 2  
Tamper-Proof: Yes  
Battery Backup Power: Yes  
Device Power: Up to 16 Devices  
Operating Voltage: 12-24 VDC  
Operating Temperature Range: 22 – 120 °F  
Humidity: 0-95% Non-Condensing  
Ingress Rating: IP44  
Listed to UL Specification 294 for Access Control

### Relay

Enclosure: Indoor/Outdoor, Aluminum, Powder Coated  
Communications: RS485 (1), Optional Wireless (900 MHz)  
Secure Communications: Yes  
Form C Relay Outputs: 8  
Auxiliary Inputs: 8  
Tamper: Yes  
Elevator Override Key: Yes  
Operating Voltage: 12-24 VDC  
Operating Temperature Range: -31 – 150 °F  
Humidity: 0 – 95% Non-Condensing  
Ingress Rating: IP55. Gasket to prevent moisture  
Listed to UL Specification 294 for Access Control

**INSOMNIAC**  
**CIA**  
CENTRALIZED INTELLIGENT ACCESS



CIA Gateway



CIA Relay



Sales: 800.481.7459  
Support: 602.773.1700



Address: 2101 W Peoria Ave, #100  
Phoenix AZ, 85029



sales@opentechalliance.com  
www.opentechalliance.com

## 500 Keypad

Dimensions: 8.3H x 9W x 4.9L  
Enclosure: Indoor/Outdoor, Power Coated Aluminum  
Design: Captive Screws and Hinged Faceplate  
Text Me My Code Capability\*  
Bluetooth Beacon: Yes. For use with Storage Genie mobile app  
Communications: RS485 (1), Optional Wireless (900 MHz)  
Secure Communications: Yes  
Display: 4 Line Organic LED (OLED) Customizable Display  
Form C Relay Outputs: 2  
Auxiliary Inputs: 4  
Tamper: Yes  
Wiegand Inputs: 1  
Intercom: Yes  
Camera: Optional  
Operating Voltage: 12 - 24 VDC, 500ma Operating  
Temperature Range: -31 – 150 °F  
Humidity: 0 – 95% Non-Condensing  
Ingress Rating: IP55. Gasket to prevent moisture  
Listed to UL Specification 294 for Access Control

## 501 Keypad

Dimensions: 8.3H x 9W x 4.9L  
Enclosure: Indoor/Outdoor, Power Coated Aluminum  
Design: Captive Screws and Hinged Faceplate  
Text Me My Code Capability\*  
Bluetooth Beacon: Yes. For use with Storage Genie mobile app  
Communications: RS485 (1), Optional Wireless (900 MHz)  
Secure Communications: Yes  
Display: 4 Line Organic LED (OLED) Customizable Display  
Form C Relay Outputs: 2  
Auxiliary Inputs: 4  
Tamper: Yes  
Wiegand Inputs: 1  
Intercom: No  
Camera: Optional  
Operating Voltage: 12 - 24 VDC, 500ma Operating  
Temperature Range: -31 – 150 °F  
Humidity: 0 – 95% Non-Condensing  
Ingress Rating: IP55. Gasket to prevent moisture  
Listed to UL Specification 294 for Access Control

\*Allows tenants to retrieve their access code by text message.



500 Keypad



501 Keypad



## 502 Keypad

Dimensions: 8.38H x 6.94W x 4.88L  
Enclosure: Indoor/Outdoor, Power Coated Aluminum  
Design: Captive Screws and Hinged Faceplate  
Text Me My Code Capability\*  
Bluetooth Beacon: Yes. For use with Storage Genie mobile app  
Communications: RS485 (1), Optional Wireless (900 MHz)  
Secure Communications: Yes  
Display: 4 Line Organic LED (OLED) Customizable Display  
Form C Relay Outputs: 2  
Auxiliary Inputs: 4  
Tamper: Yes  
Wiegand Inputs: 1  
Intercom: No  
Camera: No  
Operating Voltage: 12 - 24 VDC, 500ma Operating  
Temperature Range: -31 – 150 °F  
Humidity: 0 – 95% Non-Condensing  
Ingress Rating: IP55. Gasket to prevent moisture  
Listed to UL Specification 294 for Access Control



502 Keypad

## 504 Keypad

Dimensions: 8.5H x 5.81W x 3.38L  
Enclosure: Indoor Power Coated Aluminum  
Design: Hinged Faceplate  
Text Me My Code Capability\*  
Bluetooth Beacon: Yes. For use with Storage Genie mobile app  
Communications: RS485 (1)  
Secure Communications: Yes  
Display: 4 Line Organic LED (OLED) Customizable Display  
Form C Relay Outputs: 1  
Tamper: No  
Intercom: No  
Camera: No  
Operating Voltage: 12 - 24 VDC, 500ma Operating  
Temperature Range: 22 – 120 °F  
Humidity: 0 – 95% Non-Condensing  
Ingress Rating: IP44.  
Listed to UL Specification 294 for Access Control



504 Keypad

\*Allows tenants to retrieve their access code by text message.



Sales: 800.481.7459  
Support: 602.773.1700



Address: 2101 W Peoria Ave, #100  
Phoenix AZ, 85029



sales@opentechalliance.com  
www.opentechalliance.com