

# ENC1800

WiFi Access Point  
Security Enclosure  
for PAX1800 &  
PAX1800-Lite



**Protects Access Point  
from damage and theft,  
tamper-evident seal**



**Transparent to WiFi  
signals in all directions**



**Wall, junction box and  
pole mounting**



**Flexible keystone modules  
can be added for custom  
cabling solutions**



**White label: easy to  
rebrand with private label**

## SECURITY ENCLOSURE FOR PLASMA CLOUD AP

Tailored specifically for Plasma Cloud PAX1800 and PAX1800-Lite WiFi Access Points, this protective housing enhances device safety while ensuring transparency to WiFi signals. Perfect for public spaces such as offices, hotels, classrooms, retail locations, etc. where keeping WiFi equipment secure and organized is essential. Best suited for indoor environments.

## SECURITY FEATURES

The ENC1800 Security Enclosure is equipped with a snap mechanism to firmly attach the top and bottom covers. The housing can be further secured using the designated screw holes. For extra protection, opt for security screws. Custom cable tie security seals can be attached to provide evidence of possible tampering.

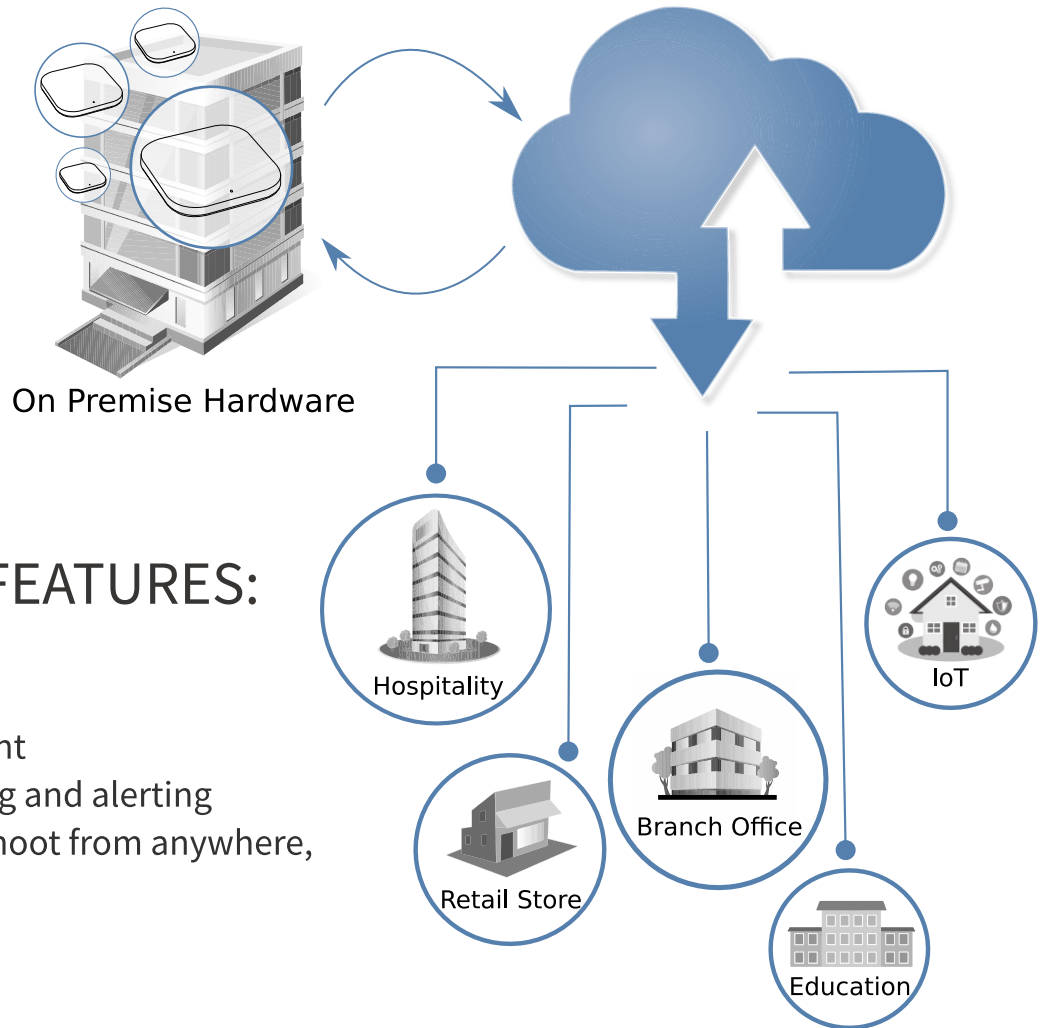
## CABLING OPTIONS

With two keystone ports, the Security Enclosure offers versatility for various cabling setups. For example, deploying an Ethernet keystone module simplifies wiring Ethernet devices like printers, VoIP phones, or security cameras, all while ensuring the Access Point remains securely stored within the enclosure. Alternatively, a Fiber-Optic keystone module can be attached for seamless connection to a fiber-optic network.

## MOUNTING OPTIONS

Whether the device shall be mounted on a wall, junction box, or pole, the ENC1800 Security Enclosure offers versatile options. With strategically placed mounting holes on the bottom cover, every mounting scenario is covered.

# DESIGNED FOR **WIFI AS A SERVICE**



## CLOUD **KEY** FEATURES:

- Zero touch deployment
- Automated monitoring and alerting
- Manage and troubleshoot from anywhere, anytime

## INDUSTRY **LEADING** SOFTWARE AND PRODUCTS



### Affordable Network Solution

Plasma Cloud offers an affordable turnkey solution to cover all needs in and around your network. WiFi Access Points and Switches in various sizes to fit your needs & budget bundled with free & powerful cloud management.



### Best In-Class Cloud

Plasma Cloud's technology team has built the fastest and most scalable network management cloud system. Our experts have put in their combined experience to develop a truly unique product that will impress you in many ways.



### Simplicity is Key

Plasma Cloud is designed for the needs of those tired of endless manual tweaking and cumbersome monitoring. Our smart software is designed to minimize setup effort to the essential and get you started in no time!



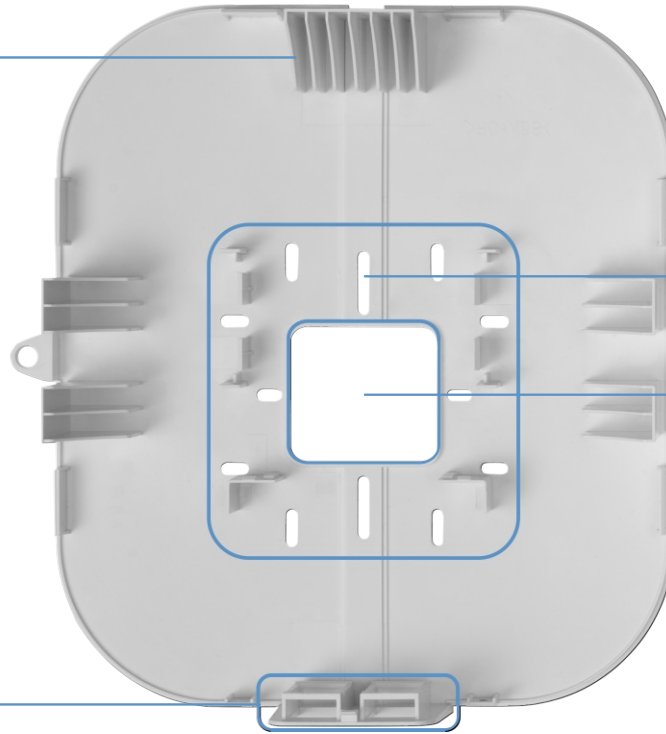
### White-Label Dashboard

Plasma Cloud provides a rebrandable dashboard enabling businesses to harness a powerful and user-friendly cloud management platform under their own brand name.

# INSIDE THE ENC1800

Enclosed for Security, Open for Efficiency

Support structure  
for Access Point



Mounting holes

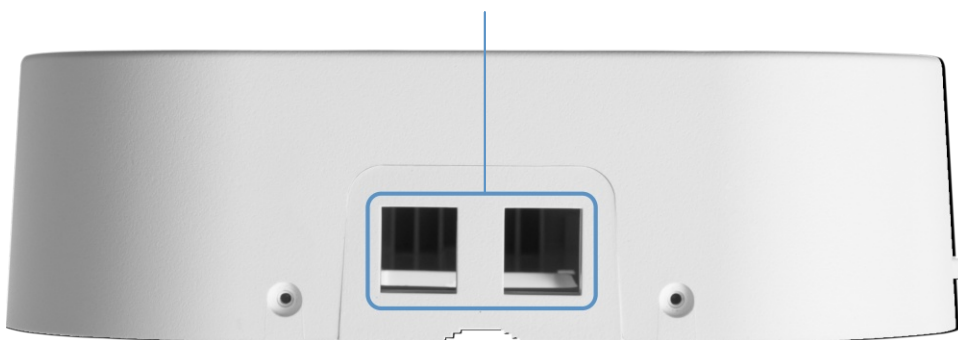
Cable opening

Keystone ports

## PORT BAY OVERVIEW

With flexible keystone ports

Keystone ports

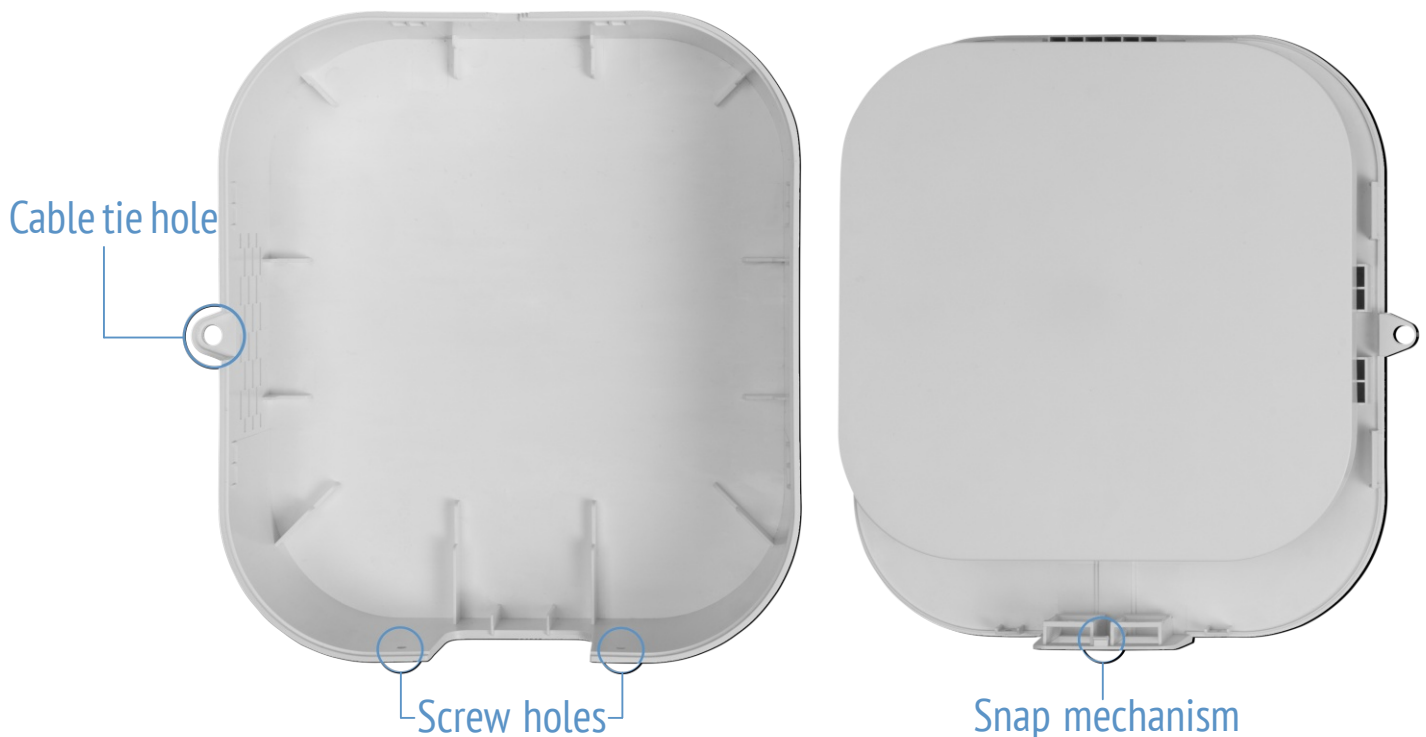


# SAFETY FEATURES

The ENC1800 Security Enclosure protects PAX1800 and PAX1800-Lite WiFi Access Points from physical tampering, environmental factors, and unauthorized access. It includes the following features:

## Safely housed within

The ENC1800 Security Enclosure accommodates the Access Point as well as all connecting cables, ensuring a neat and secure fit within the housing.



## Snap Mechanism

The snap mechanism enables quick and secure assembly of the top and bottom covers through interlocking features.

## Screw Holes

The Enclosure contains screw holes, enabling the covers to be fastened together tightly to deter theft and tampering. The screw holes are compatible with standard size as well as security screws, offering protection tailored to the requirements.

## Cable Tie Hole

This feature provides the option to attach tamper evident single use seal tags.

# FLEXIBILITY OPTIONS

## Customize Connectivity with Keystone Modules

Keystone modules enable seamless integration with various networking components such as Coaxial, Ethernet and fiber-optic connections, providing versatility for diverse networking needs.



Coaxial



CAT6



CAT6A



LC Fiber



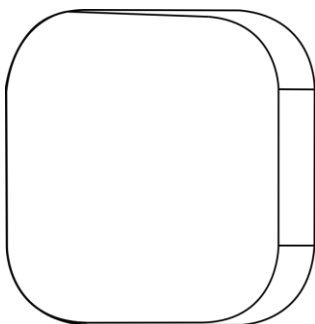
SC Fiber

The ENC1800 Security Enclosure is equipped with two keystone ports, offering a centralized connection point for a variety of network devices and cables such as Coaxial, Ethernet, Fibre-optic, etc., effectively replacing keystone wall plates.

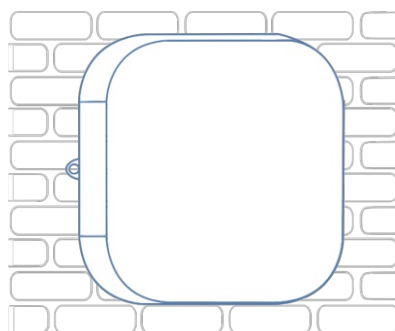
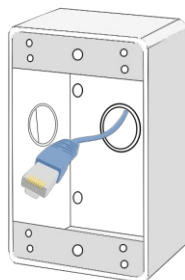
The keystone ports enable seamless connectivity of wired clients like TVs, printers, and VoIP devices to the Access Point. Administrators can easily manage settings for wired clients, including configuring bridge or routing modes and LAN blocks, through the intuitive interface of the Plasma Cloud Console.

# MOUNTING OPTIONS

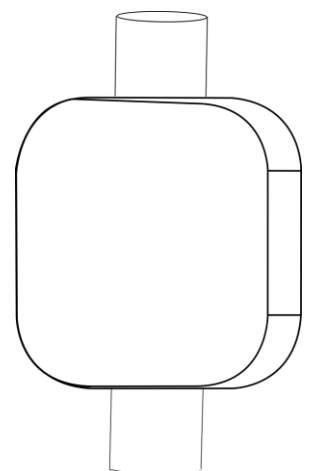
The ENC1800 Security Enclosure supports various mounting options. The bottom cover provides a secure platform to mount the ENC1800 Security Enclosure onto junction boxes (US / EU / UK type), walls or poles.



Junction Plate



Wall Mount

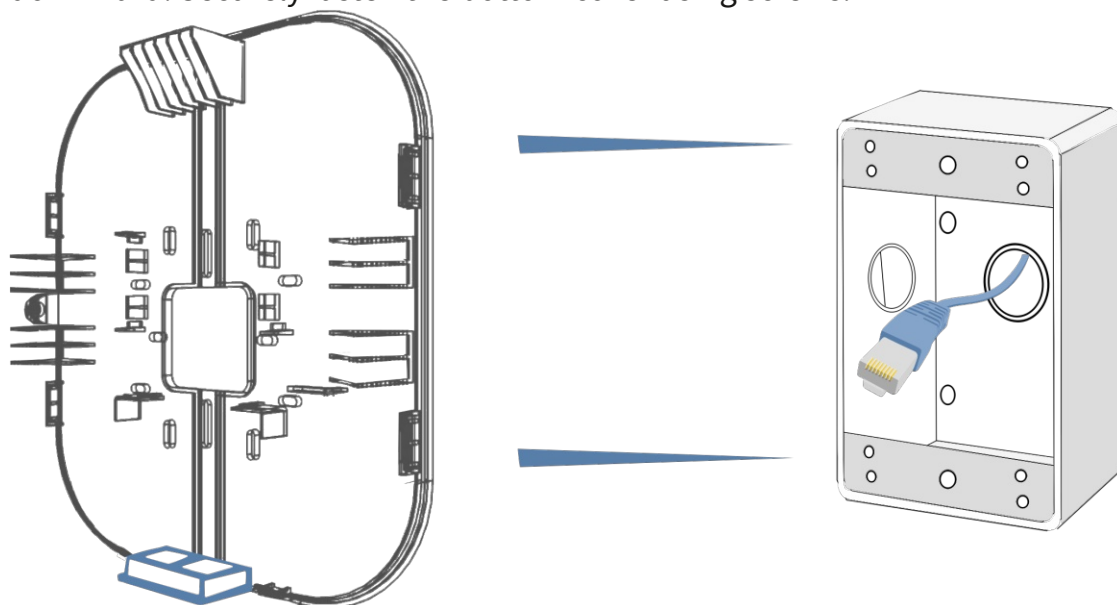


Pole Mount

# MOUNTING GUIDE

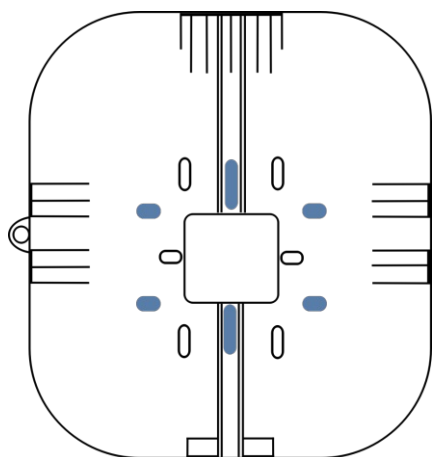
## Junction Box & Wall Mounting

- ① For junction box mounting, start by unscrewing the junction box plate.  
For wall mounting, proceed to the next step.
- ② Place the bottom cover with the flat side on the junction box or wall, and the port bay facing downward. Securely fasten the bottom cover using screws.

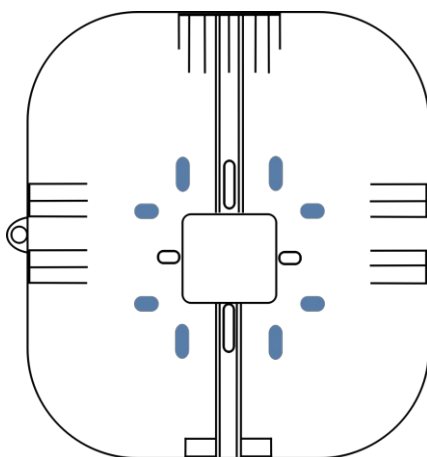


## Junction Box Screw Hole Spacing

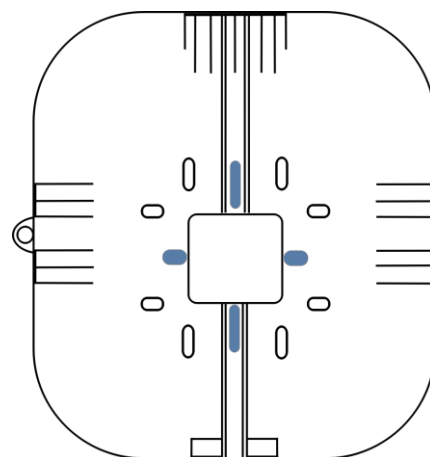
- ③ For junction box mounting, use the appropriate screw holes based on the box type:



**US single gang box**



**US double gang box**

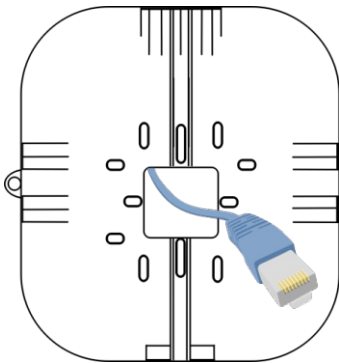


**EU / UK**

# MOUNTING GUIDE

## Junction Box & Wall Mounting

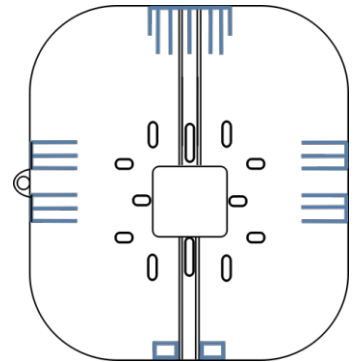
④



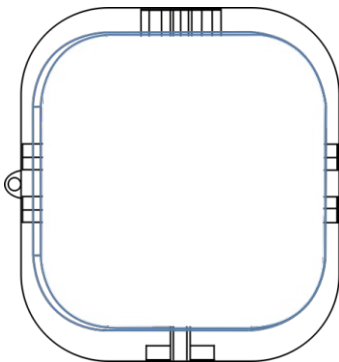
Route the cable through the designated opening and connect it to the Access Point.

⑤

Place the Access Point in the center of the bottom cover, in between the designated notches.



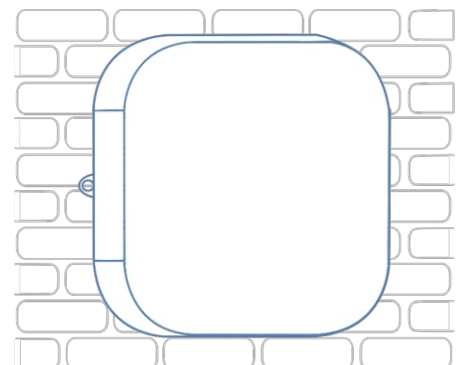
⑥



Attach the Access Point with the port bay facing downward.

⑦

Place the top cover on, ensuring the top and bottom covers snap together firmly.

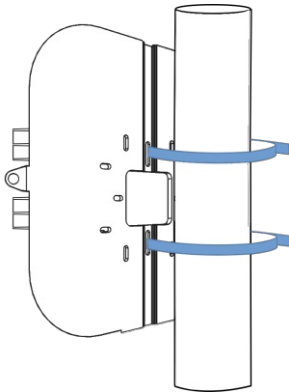


# MOUNTING GUIDE

## Pole Mounting

The enclosure may be attached to a pole. Follow the steps shown below.

①

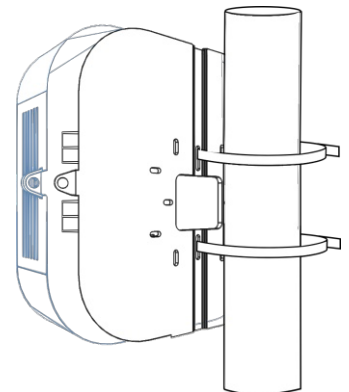


Slide the cable ties through the mounting holes and secure them around the pole. Ensure the flat side of the bottom cover faces the pole.

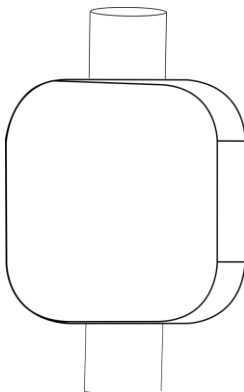
②

Guide the cabling through the designated cable hole and connect it to the Access Point.

Next, securely attach the Access Point to the center of the bottom cover.



③



Position the top cover over it until it snaps firmly into place. The Security Enclosure is now safely tied to the pole.

# TECHNICAL SPECIFICATIONS

## General

|                                |                                     |
|--------------------------------|-------------------------------------|
| <b>Dimension (W x D x H)</b>   | 224 x 200 x 56.6 mm                 |
| <b>Weight</b>                  | 450 g                               |
| <b>Material</b>                | Plastic SABIC C6200                 |
| <b>Keystone Ports</b>          | 2                                   |
| <b>Indoor / Outdoor Rating</b> | Indoor use only                     |
| <b>Color</b>                   | White                               |
| <b>Compatible AP Models</b>    | Plasma Cloud PAX1800 & PAX1800-Lite |
| <b>Junction Box Mounting</b>   | US single and double gang / UK / EU |
| <b>Wall Mounting</b>           | Yes                                 |
| <b>Pole Mounting</b>           | Yes                                 |
| <b>Label</b>                   | Unbranded                           |

## Safety Features

|                        |     |
|------------------------|-----|
| <b>Snap Mechanism</b>  | Yes |
| <b>Security Screws</b> | Yes |
| <b>Cable Tie Seal</b>  | Yes |