

## SETTING UP THE EOP MODULES (cont.)

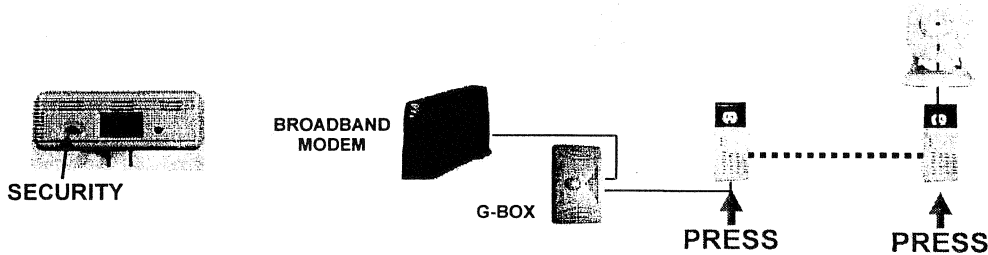
### Creating a secure EOP network (optional):

The EOP modules are designed for plug and play installation - once two or more modules are plugged in they will begin communicating as indicated by the flashing PLC Link LED. However, this network is not yet secure. The following steps must be followed in order to activate the AES encryption and ensure that a secure network has been created.

### Creating a secure network between two EOP modules

Plug EOP module connected to G-BOX and EOP module connected to camera into AC outlet, as shown below.

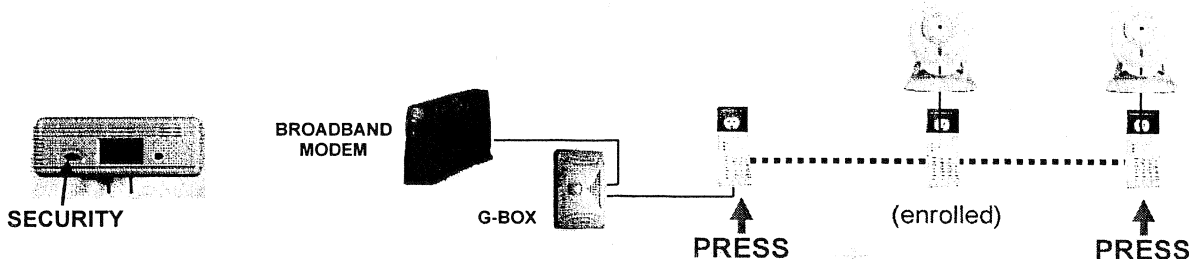
Action		Indicator
1	Hold-down the SECURITY button on each EOP module for 10 seconds (until all LEDs flash Pink momentarily) to clear default network key	EOP Power LED lit steady
2	Hold-down the SECURITY button on EOP module connected to G-BOX for 2 seconds	EOP Power LED flashes
3	Hold-down the SECURITY button on camera EOP module for 2 seconds	EOP Power LED flashes
4		After a few seconds, the Power and PLC link LED's should be on. The configuration is successful.



### Adding a new EOP module to an existing secure network

Add new EOP to network by plugging EOP module connected to camera into AC outlet, as shown below.

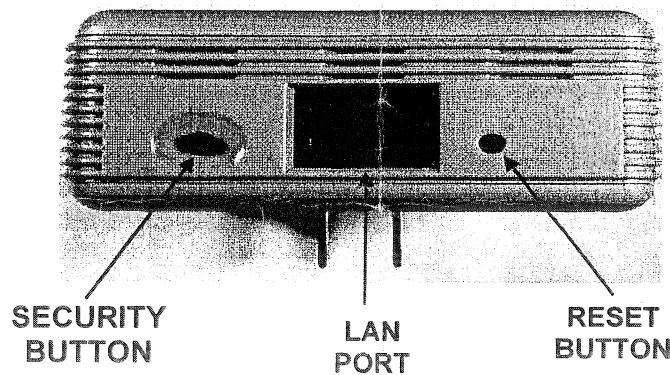
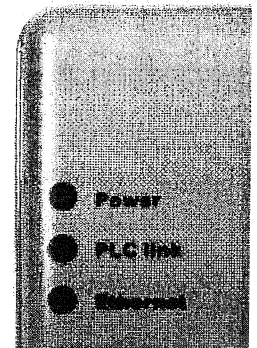
Action		Indicator
1	Hold-down the SECURITY button on EOP module connected to G-BOX for 2 seconds	EOP Power LED flashes
2	Hold-down the SECURITY button on new EOP module for 2 seconds	EOP Power LED flashes
3		After a few seconds, the Power and PLC link LED's should be on. The configuration is successful.



## UPDATED EOP MODULE SETUP PROCEDURE

The ISEE-EOP MOD200 has three LED indicators on the front panel that display the EOP status.

LED	COLOR	STATE	STATUS
Power		Off	No power
	Blue	On	Normal operation
PLC link	Blue	On	EOP network active - at least one other device detected
	Blue	Flashing	Data receive rate greater than 80Mbps
	Pink	Flashing	Data receive rate between 50 Mbps and 80Mbps
		Off	EOP network not available - no other devices detected
Ethernet		Off	No Ethernet connection detected
	Blue	On	Ethernet connection is active
	Blue	Flashing	Data is being transmitted or received via the Ethernet Port



### Security Button

Press the Security Button to activate the AES encryption and create a secure network. Please refer to **Creating a secure EOP network** section for more details.

### LAN Port

Connect the device to the EOP module using provided RJ45 terminated CAT5 cable.

### Reset Button

Press and hold the Reset Button for 2 seconds to clear all data and restore settings to the factory default values.



**EOP module must be plugged directly into wall outlet**

## SETUP

- 1 Connect the CAT5 cable from an EOP module to the G-BOX and plug into AC wall socket.
- 2 Connect the CAT5 cable from an EOP module to a camera and plug into AC wall socket.
- 3 Wait a minute for startup to be completed, and then check the LEDs

- The **Power** LED should be ON.
- The **PLC Link** LED will be ON if the other EOP modules are detected, otherwise it will be OFF.
- The **Ethernet** LED should be ON (if module is connect to camera or G-BOX).

**Note:** If AC power-strips are required due to unavailable AC outlets, non surge protected or noise filtered power-strips must be used. Many AC power-strips utilize internal surge protection that may prevent the EOP modules from operating.

Once all **PLC Link** LEDs are ON, the network is fully operational. However, If a secure network is desired, which is recommended for multi-family dwellings, see **Creating a secure EOP network** on following page.