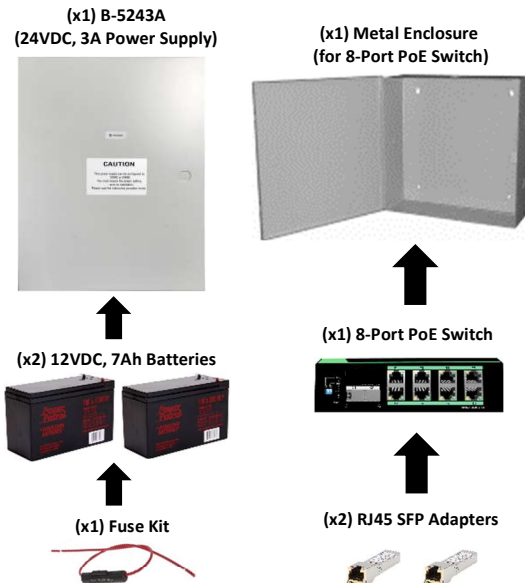


ES-4808S

Expansion Module Kit



Description: The ES-4808S Expansion Module Kit allows the Sentinel AOR System to add (8) additional devices such as Call Stations or Base Station Phones. It can also be used to bridge between long distance network cable runs on a Sentinel AOR System. Each ES-4808S kit includes:

1. B-5243A (24VDC, 3A power supply w/ battery backup).
2. 8-port PoE Switch (mounts inside the included enclosure).
3. Metal Enclosure (mounts adjacent to the power supply).
4. (x2) SFP Adapters (used in the SFP ports if needed)

Operation: Install as needed to expand the device limit of your Sentinel AOR System by (8) for each expansion switch kit. Install in a central location to the devices being connected to it. Can also be used to bridge the distance between long network cable runs. (CAT cables not to exceed 328ft/100m).

Mounting: Expansion Kits shall be installed in a temperature-controlled environment, typically in a centrally located networking / electrical room or closet. Surface-mount the B-5243A power supply then mount the metal enclosure for the 8-port PoE Switch adjacent to the power supply. Use the included mounting brackets to secure the 8-port PoE Switch device inside the metal enclosure. If needed, use the (x2) SFP Adapters to connect multiple 8-port Expansion PoE Switches together.

Engineering Specifications: The contractor shall furnish and install the CORNELL ES-4808S Expansion Module Kit as indicated on the plans.

Technical Information:

- Power Requirements:
 - B-5243A power supply = 120VAC, 60Hz input power / 24VDC output power
 - 8-Port PoE Switch = 24VDC input power (draws .25A / 250mA) [210Watts]
- Operating Environment: 50°F ~ 120°F Indoor Non-condensing; Humidity <95%
- Physical Dimensions:
 - B-5243A power supply: 12"W x 16"H x 5"D (surface-mount)
 - Metal Enclosure: 12"W x 12"H x 4"D (surface-mount)
- Mounting: 5ft (to center) from the finished floor in a centrally located room/closet for both enclosures
- Wiring: 18/2 wire for power from the B-5243A power supply to the 8-port PoE Switch
 - CAT5E or better cables for all network connections (maximum cable length of 100m/328ft)

