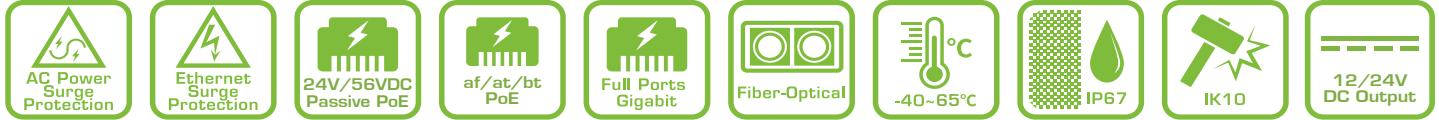


H42-042-91-150

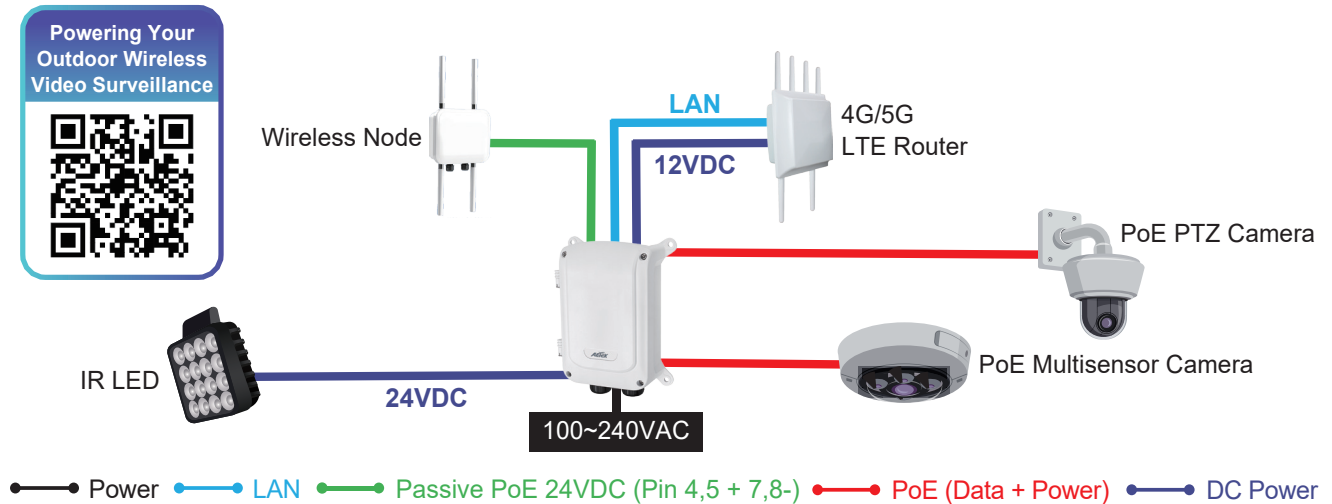
Outdoor 90W bt PoE Switch w/ Adjustable 24V/56VDC Passive PoE & additional 12V/24VDC Output



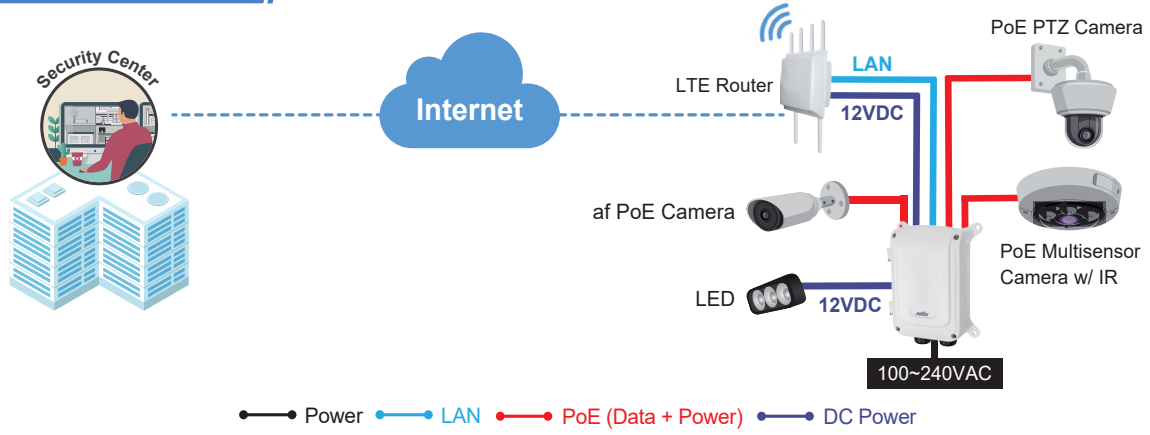
Features

- 90W PoE Outputs to support IEEE 802.3bt/at/af PoE devices
- Adjustable 24V/56VDC Passive PoE Outputs to support
 - 24V/56VDC Passive PoE Wireless nodes
 - IEEE 802.3af PoE devices
- 12V/24VDC Output to support non-PoE devices
- Flexible SFP transceiver port for uplink
- IP67 water and dust resistance rating
- IK10 impact resistance rating
- 6KV PoE surge protection
- Wide range of operating temperature: -40 °C ~ 65 °C (-40 °F ~ 149 °F)
- Support 10/100/1000Mbps data rate

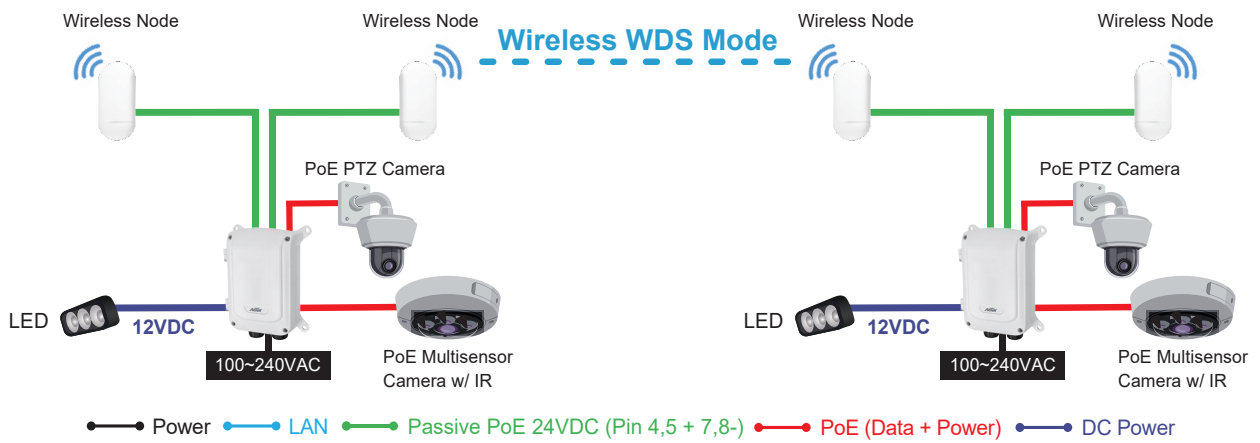
Applications



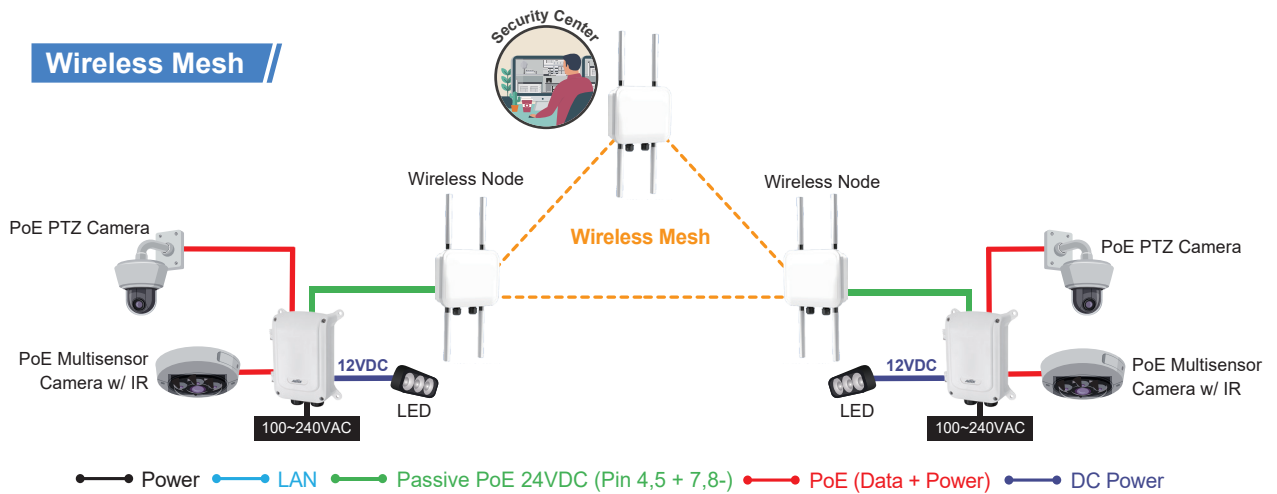
LTE Surveillance



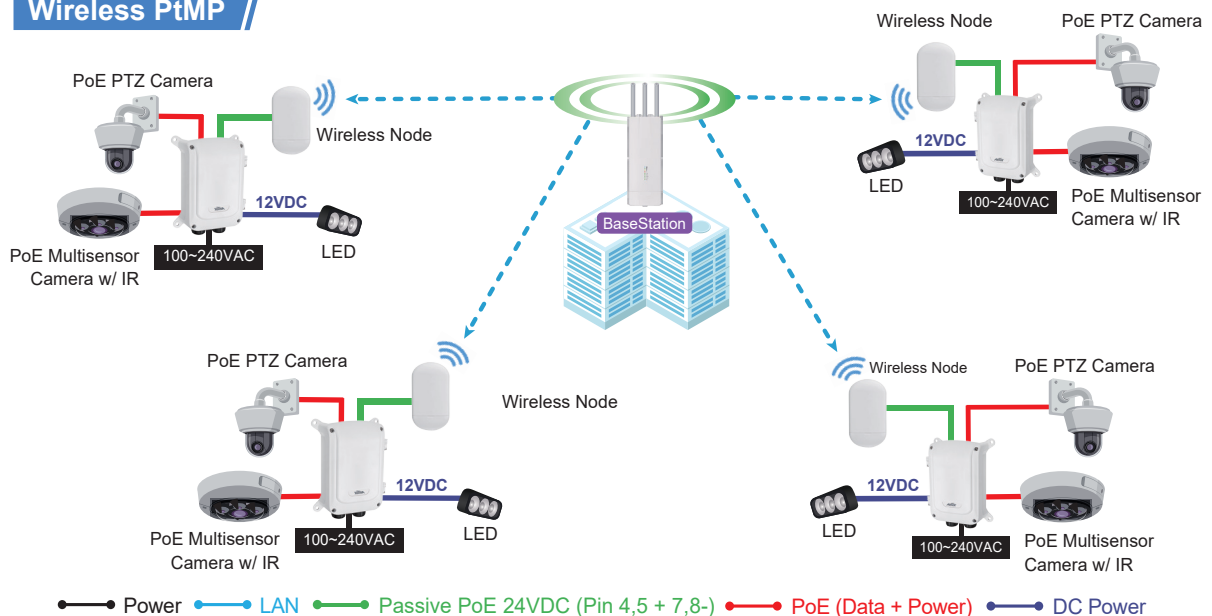
Wireless WDS Mode



Wireless Mesh









Wireless PtMP



Specifications

| H42-042-91-150 | |
|--|---|
| Networking Specifications | |
| Total Gigabit Ports | 6 |
| Gigabit 802.3af/at/bt PoE Port | 2 |
| Gigabit Passive PoE Port (Adjustable 24V/56VDC Passive PoE or 802.3af PoE) | 2 |
| Gigabit SFP Slot | 2 |
| Forwarding Capacity | 11.904Mpps |
| Mac Table | 8k |
| Jumbo Frames | 9,216 Bytes |
| Switching Capacity | 12 Gbps |
| Power Specifications | |
| Input Power Voltage | 100VAC ~ 240VAC |
| Backup Input Power Voltage | 56VDC |
| Output PoE Power (port 1~2) | 56 VDC PoE IEEE 802.3af output (Max. 15.4W) PoE+ IEEE802.3at output (Max. 30W) PoE++ IEEE802.3bt output (Max. 90W) |
| Output Passive PoE / 802.3af PoE Power (port 3~4) | 24W @ 2-pair 24VDC 48W @ 4-pair 24VDC 56W @ 2-pair 56VDC 90W @ 4-pair 56VDC 15W @ 2-pair af PoE |
| Power Pin Assignment (port 1~2) | 1/2(-), 3/6(+), 4/5(+), 7/8(-) |
| Power Pin Assignment (port 3~4) | 2-pair PoE: 4/5(+), 7/8(-) 4-pair PoE: 1/2(+), 3/6(-), 4/5(+), 7/8(-) |
| Output DC Power | 2.5A @ 12VDC 1.5A @ 24VDC |
| Power Budget | 150W |
| Surge Protection / each PoE Port | 6KV |
| Surge Protection for AC power | 10KV |
| Mechanical Specifications | |
| Dimensions (L x W x H) | 255.2 x 199.9 x 130 mm |
| Weight | 3.2 kg (7.05 lb) |
| Connectors | M25 x 2 |
| Environmental Specifications | |
| Weather Rating | IP67 |
| Vandal Proof | IK10 |
| Operating Temperature | -40°C ~ 65°C (-40°F ~ 149°F) |
| Storage Temperature | -40°C ~ 85°C (-40°F ~ 185°F) |
| Operating Humidity | 5% ~ 95% non-condensing |
| Certifications | |
| EMC | CE, FCC, VCCI, C-Tick Class A |
| Safety | EN62368-1 |
| Surge | EN61000-4-5 |

Optional Accessories

| SFP Modules | | | |
|---|---|---|--|
|  SFP-ISX-X5 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> • MMF • 0.5 km • -40°C ~85°C |  SFP-ISX-02 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> • MMF • 2 km • -40°C ~85°C |  SFP-ILX-10 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> • SMF • 10 km • -40°C ~85°C |  SFP-ILX-40 Industrial Gigabit SFP Transceiver <ul style="list-style-type: none"> • SMF • 40 km • -40°C ~85°C |
| Pole Mount Brackets | | Corner Mount Bracket | Fiber Splice Tray |
|  AT-100 Pole Mount Adapter |  AT-101 Pole Mount Adapter |  AT-200 Corner Mount Adapter |  AT-302 Fiber Splice Tray |