H42-042-91-150

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

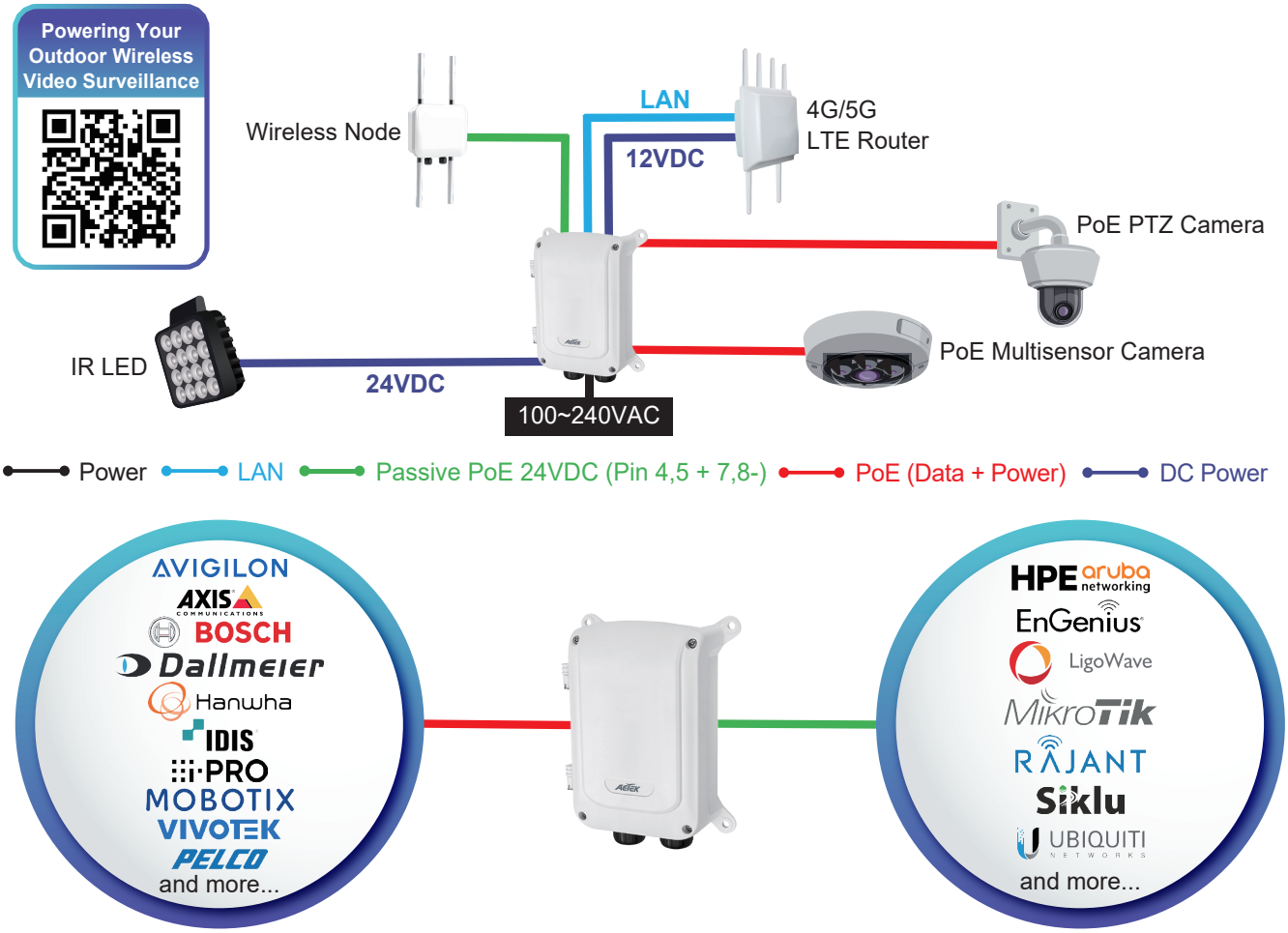


AC Power Surge Protection | Ethernet Surge Protection | 24V/56VDC Passive PoE | af/at/bt PoE | Full Ports Gigabit | Fiber-Optical | -40~65°C | IP67 | IK10 | 12/24V DC Output

Features

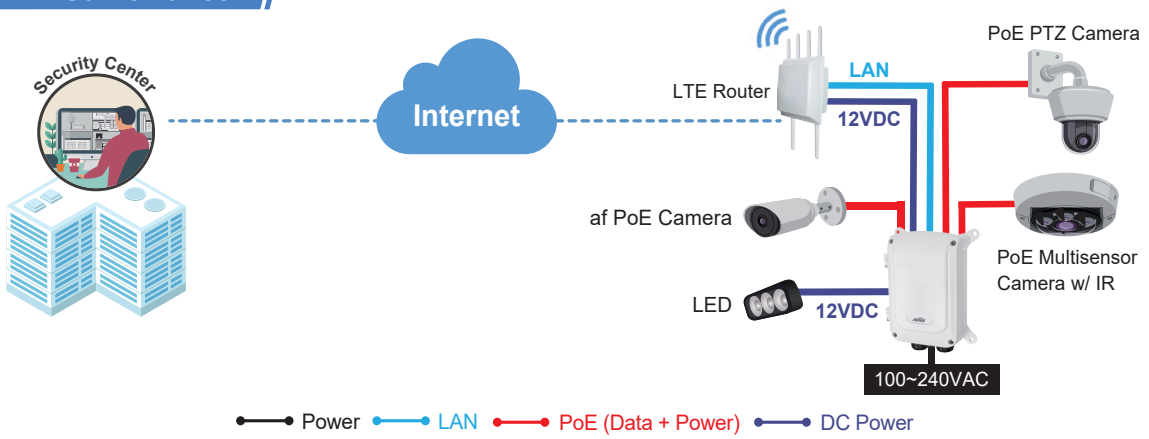
- 90W PoE Outputs to support IEEE 802.3bt/at/af PoE devices
- Adjustable 24V/56VDC Passive PoE Outputs to support
  - 24V/56VDC Passive PoE Wireless nodes
  - IEEE 802.3af PoE devices
- 12V/24VDC Output to support non-PoE devices
- Flexible SFP transceiver port for uplink
- IP67 water and dust resistance 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



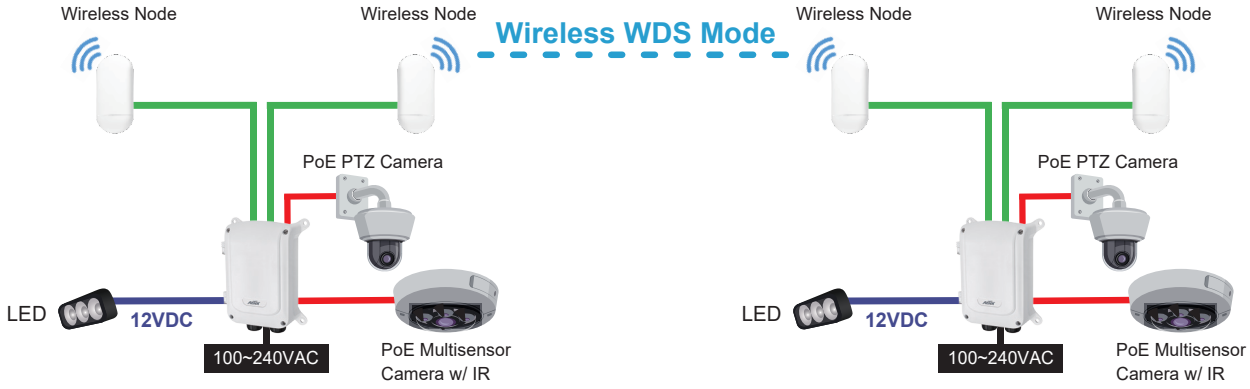
Applications

LTE Surveillance



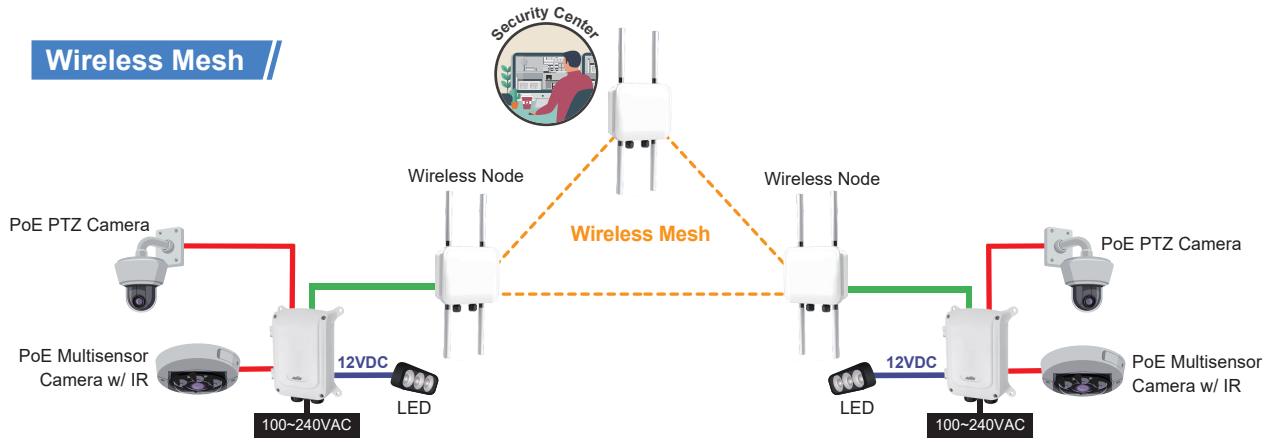
Power LAN PoE (Data + Power) DC Power

Wireless WDS Mode



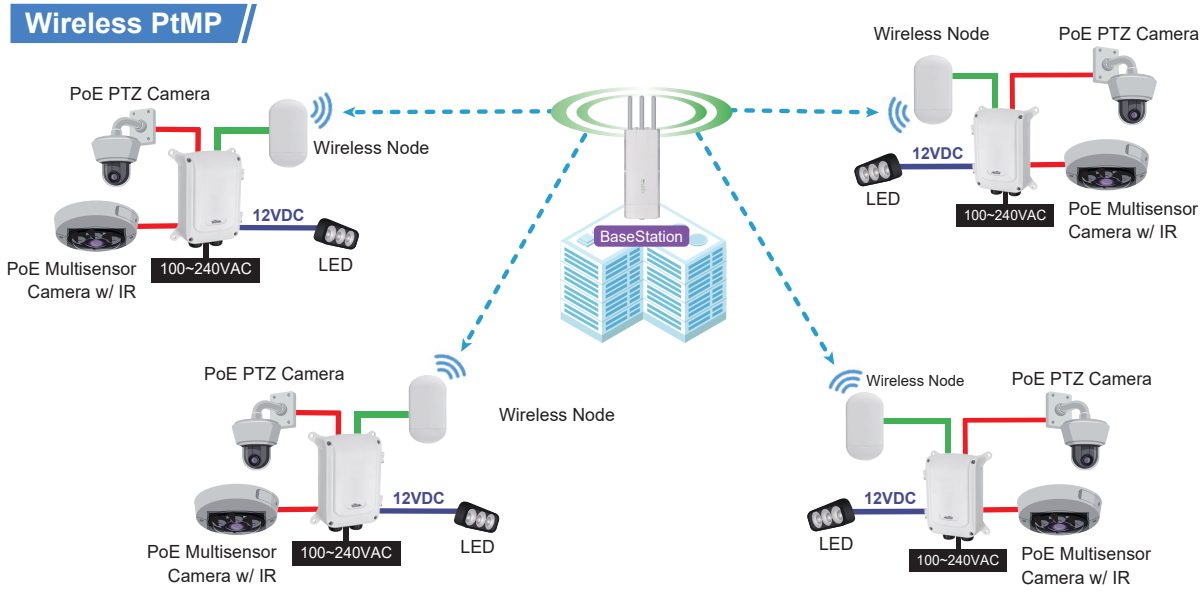
Power LAN Passive PoE 24VDC (Pin 4,5 + 7,8-) PoE (Data + Power) DC Power

Wireless Mesh



Power LAN Passive PoE 24VDC (Pin 4,5 + 7,8-) PoE (Data + Power) DC Power

Wireless PtMP



Power LAN Passive PoE 24VDC (Pin 4,5 + 7,8-) PoE (Data + Power) DC Power

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
- MMF
- 0.5 km
- -40°C ~85°C



SFP-ISX-02
Industrial Gigabit SFP Transceiver
- MMF
- 2 km
- -40°C ~85°C



SFP-ILX-10
Industrial Gigabit SFP Transceiver
- SMF
- 10 km
- -40°C ~85°C



SFP-ILX-40
Industrial Gigabit SFP Transceiver
- SMF
- 40 km
- -40°C ~85°C

Pole Mount Brackets



AT-100
Pole Mount Adapter



AT-101
Pole Mount Adapter

Corner Mount Bracket



AT-200
Corner Mount Adapter

Fiber Splice Tray



AT-302
Fiber Splice Tray

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