

H42-042-91-150

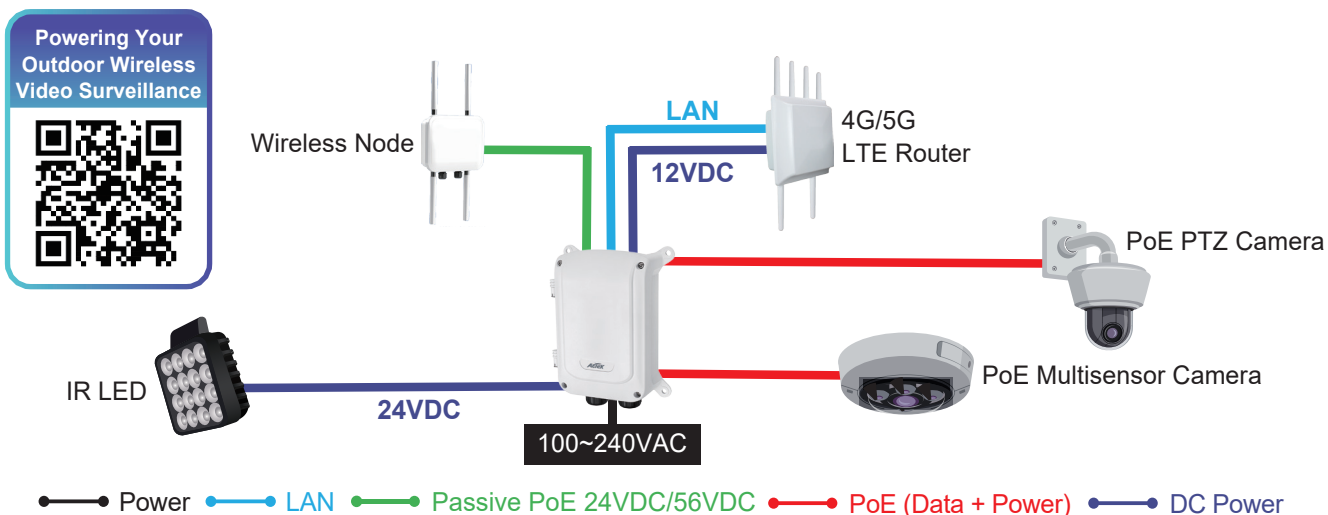
Outdoor IP67/IK10 bt PoE Switch with Adjustable 24V/56VDC Passive PoE and 12V/24VDC Output



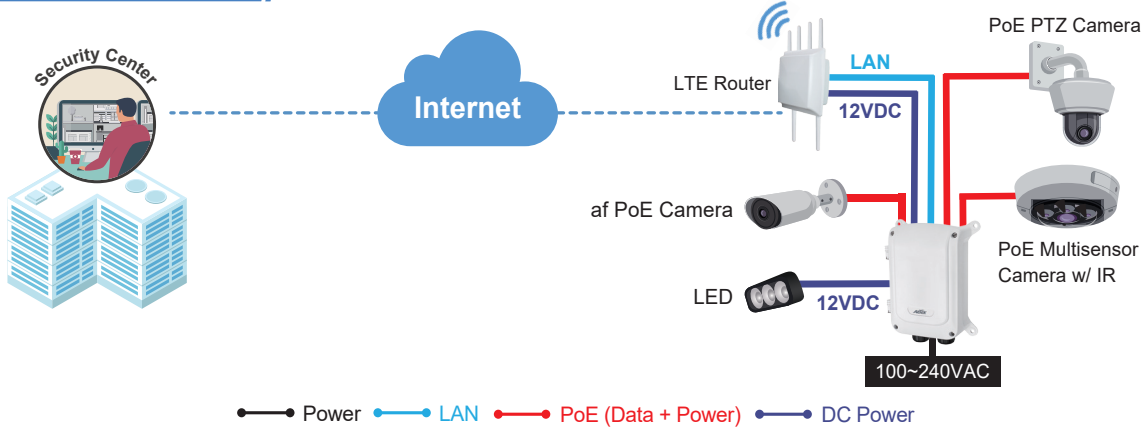
Features

- 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

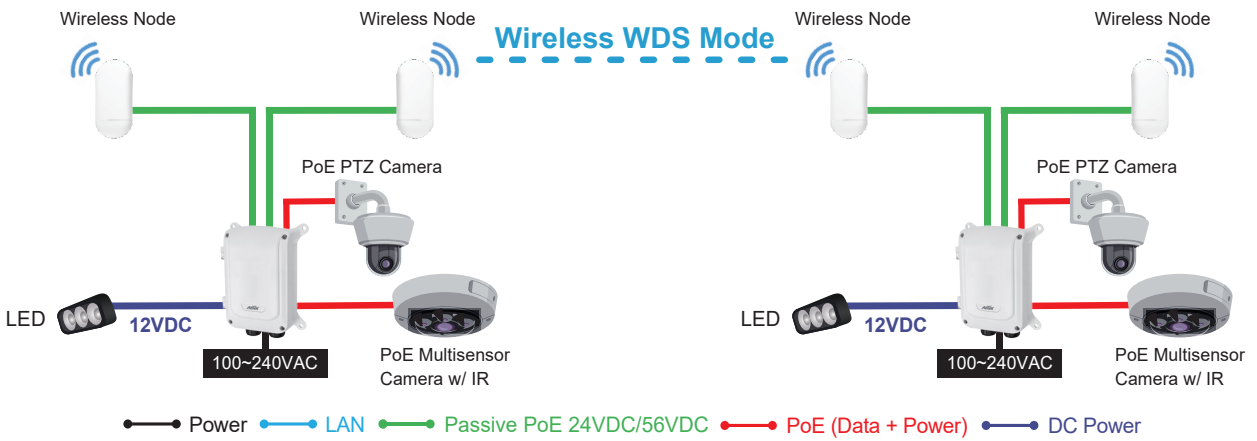
Applications



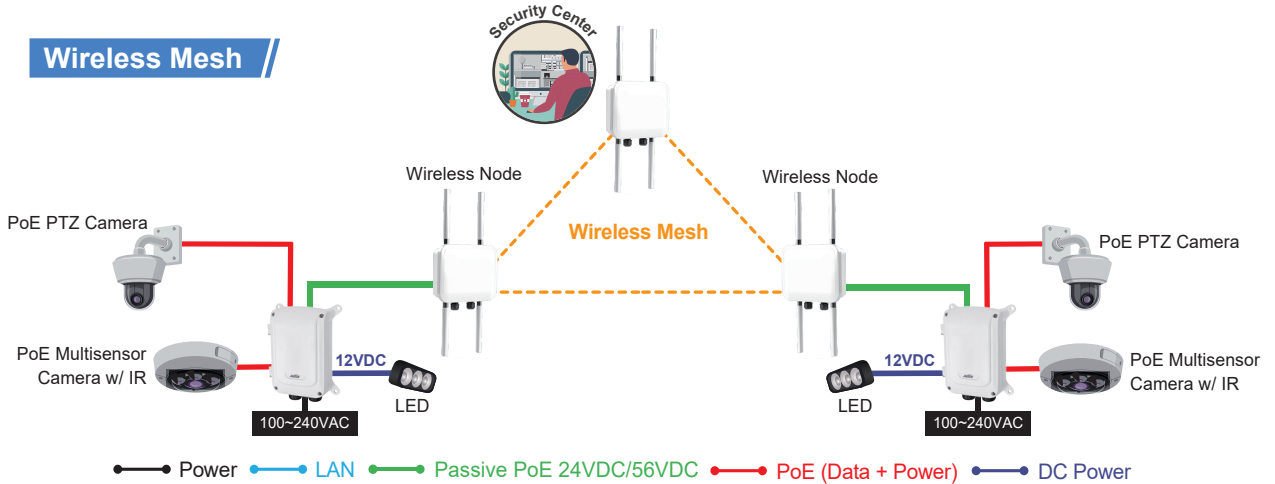
LTE Surveillance



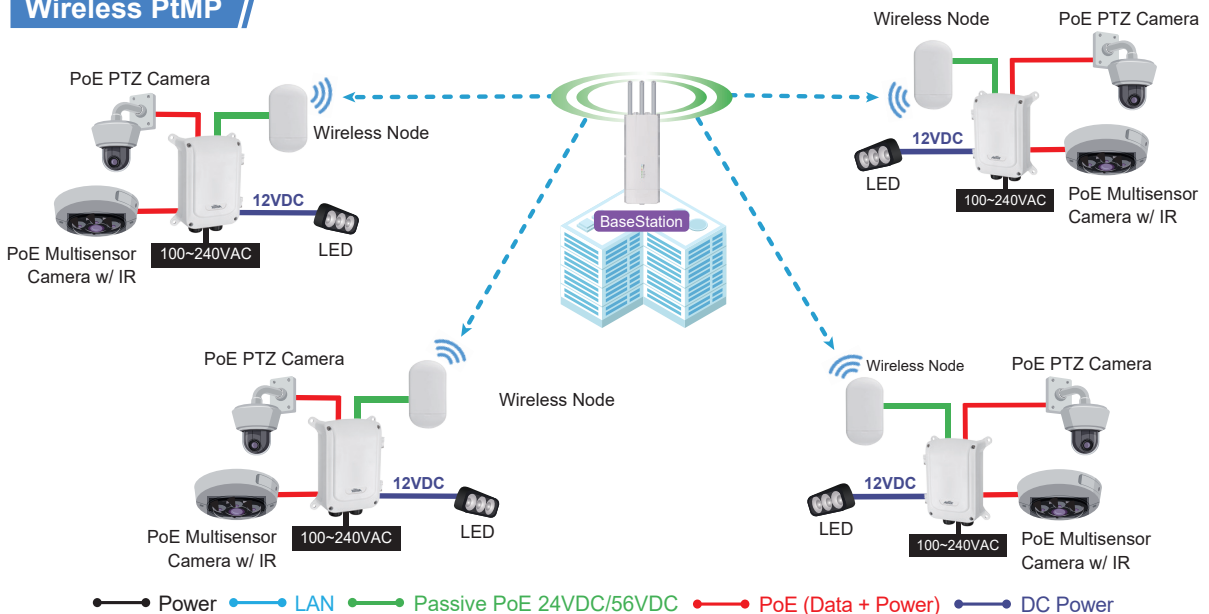
Wireless WDS Mode



Wireless Mesh











Wireless PtMP



Specifications

H42-042-91-150	
Networking	
Total Gigabit Ethernet Ports	6
Gigabit Ethernet 802.3af/at/bt PoE Ports	2 x 90W bt PoE
Gigabit Ethernet Passive PoE Ports (Adjustable 24V/56VDC Passive PoE or 802.3af PoE)	2
Gigabit Ethernet SFP Ports (100M/1G)	2
Forwarding Capacity	11.904Mpps
Mac Table	4K
Jumbo Frames	9,216 Bytes
Switching Capacity	12 Gbps
Power	
Input Voltage	100~240VAC and 48-56VDC Backup Input Power
Output Power (Port 1-2)	PoE IEEE 802.3af (Max. 15.4W) PoE+ IEEE 802.3at (Max. 30W) PoE++ IEEE 802.3bt (Max. 90W)
Output Power (Port 3-4)	24W @ 2-pair 24VDC 48W @ 4-pair 24VDC 56W @ 2-pair 56VDC 90W @ 4-pair 56VDC 15W @ 2-pair IEEE 802.3af PoE
Output PoE Power Pin Assignment (Port 1-2)	12(-), 36(+), 45(+), 78(-)
Output PoE Power Pin Assignment (Port 3-4)	2-pair PoE: 45(+), 78(-) 4-pair PoE: 12(+), 36(-), 45(+), 78(-)
Output Power per DC Port	1 x 12VDC@2.5A 1 x 24VDC@1.25A
System Power Consumption (without PoE)	5W
PoE Output Power Budget	150W
Surge Protection per PoE Port	6KV
Surge Protection for AC power	10KV
Mechanical	
Dimensions (W x D x H)	199.9 x 255.2 x 90 mm
Weight	2.55 kg (5.62 lb)
Environmental	
IP Rating	IP67
IK Rating	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