

C42 Series

90W bt PoE Switches



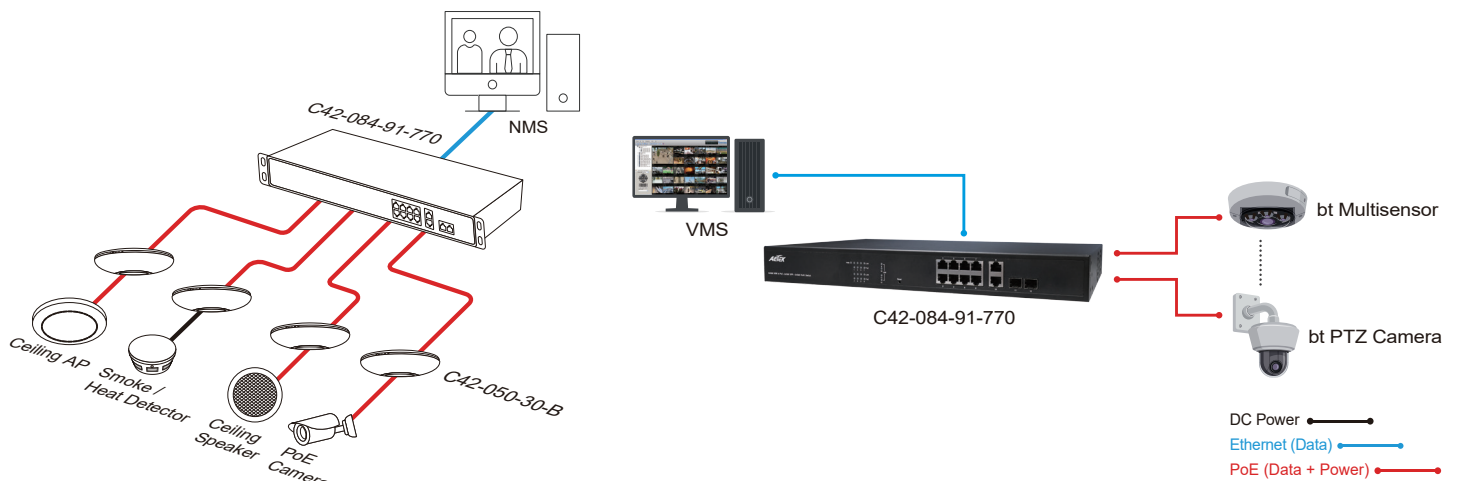
The C42 series of Unmanaged 90w bt PoE Switches are designed with 6KV PoE Ethernet port surge protection. Besides enabling connections of PoE af/at PDs, C42 series is specially designed for latest PoE bt PoE(>25.5W) PDs such as IR PTZ cameras, multi-sensor cameras, and long range PoE applications.

The C42 series provide multi-port Gigabit PoE (10M/100M/1G) delivering data and power to PoE PDs over a single network cable as well as additional SFP transceiver slots for flexible uplink. The C42 series has two sub-models classified as easy-to-install power source equipment (PSE) and provide power up to 30W/60W/90W per port.

Features

- IEEE 802.3bt/at/af Output
- Flexible SFP transceiver ports for uplink
- Supports 10/100/1000Mbps data rates
- Support Auto-MDI/MDIX
- Built-in 6KV surge protection for each PoE port
- IEEE 802.3az Energy Efficient Ethernet standard for green power
- 19" Rackmount installation

Applications



Technical Specifications-Hardware

	C42-042-91-380	C42-084-91-770
Network Specifications		
Total Gigabit Ports	6	12
Gigabit PoE Port (10M / 100M / 1G) IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 803.3ab 1000BaseTX	4 x 90W bt PoE	8 x 90W bt PoE
Gigabit SFP Port	-	2
Gigabit RJ45 Port	2	2
Auto MDI / MDIX	v	v
1Gbps Full Duplex 100Mbps Full / Half Duplex 10Mbps Full / Half Duplex	v	v
Forwarding Capacity	11.904Mpps	17.856Mbps
Mac Table	8 k	8 k
Jumbo Frames	9,216 Bytes	9,216 Bytes
Switching Capacity	12 Gbps	24 Gbps
Power Specifications		
Input Voltage	100VAC ~ 240VAC	100VAC ~ 240VAC
Output Voltage Range /per PoE Port	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoE++ IEEE802.3bt (Max. 90W) output	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoE++ IEEE802.3bt (Max. 90W) output
Power Budget	360W	720W
Surge Protection / each PoE Port	6KV	6KV
Mechanical Specifications		
Dimensions (L x W x H)	320 x 207 x 44 mm	440 x 200 x 44 mm
Weight	3KG	3.5KG
Environmental Specifications		
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing
Certifications		
EMC	CE, FCC, VCCI, C-Tick Class A	CE, FCC, VCCI, C-Tick Class A
Safety	EN62368-1	EN62368-1
Surge	IEC-61000-4-5	IEC-61000-4-5

Ordering Information

Ceiling PoE Switches

	<ul style="list-style-type: none"> • C42-042-91-380 • 4xGbE 90W bt PoE + 2xGbE RJ45 • 380W Power Budget 		<ul style="list-style-type: none"> • C42-084-91-770 • 8xGbE 90W bt PoE + 2xGbE SFP + 2xGbE RJ45 • 770W PoE Power Budget
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Optional Accessories

SFP Modules

			
<p>SFP-SX-X5 Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> • MMF • 0.5 km • 0°C ~70°C 	<p>SFP-SX-02 Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> • MMF • 2 km • 0°C ~70°C 	<p>SFP-LX-10 Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> • SMF • 10 km • 0°C ~70°C 	<p>SFP-LX-40 Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> • SMF • 40 km • 0°C ~70°C