Cablexa
RELIABLE CONNECTIVITY

4-Port 10/100/1000M PoE Switch with 2 SFP Uplink

802.3at PoE+ 802.3af

PoE WatchDog

UTP Extend —250m→

2 YEAR EXCLUSIVE WARRANTY

FMC-4PGE2GF

Key Features:

Ports: Provide 4*10/1000Mbps PoE ports and 2 *1000Mbps SFP Uplink
PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant
Total Power: Total power budget of 65W and 30W for all singe PoE ports
Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX
Extend Mode: Extend PoE up to 250m on one single cable
Wide Application: Designed for Wifi AP and IP Security camera.VoIP etc
Surge protection: Protect the device from lighting surges and others electrical hazards
Considerate Design: Exquisite compact size with fanless design
Easy to use: Plug and play, No configuration required

Versatile PoE Port

Featuring 4* 10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 2 * 1000Mbps SFP Uplink ports. the **Cablexa USA** PoE switch provides Maximun power budget of 65W and 30W for single PoE ports sepectively,allowing users to have several different Networking products configured

802.3at 30W — Door Phone, PTZ Camera, 11.ac WiFi-AP, IP Speaker

802.3af 15.4W — IP Phone, IP Camera, SOHO WiFi-AP

250m / 100m / Default / Extender

Flexible Extend Mode

With the extend mode, the PoE Switch Series is able to offer more flexible choices for long range transmission, extending the distance up to 250m, which is greatly helpful to bring better user experience.

Surge Protection Design

Reaching 6KV surge protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.

Gigabit SFP Uplink Port

With two SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmitte the date with Max 100Km distance with more economic solution

Technical Datasheet
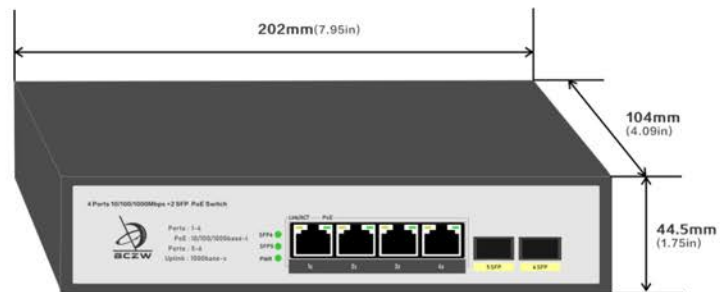
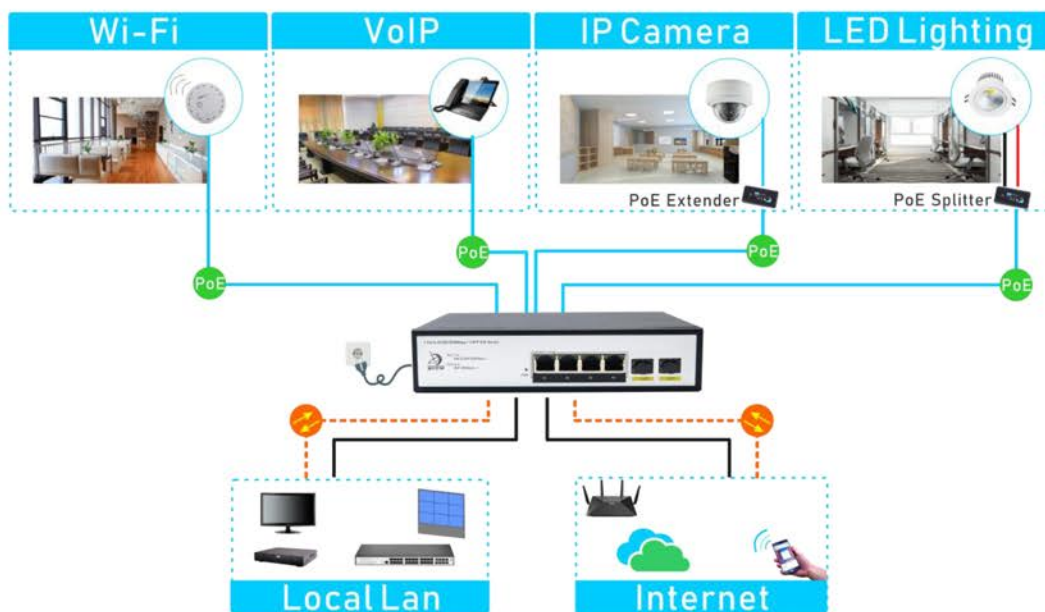| Model	FMC-4PGE2GF	
Hardware Specifications		
Connector	4 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 1000 Base-X SFP Slots	
PoE Port	4 10/100/1000Mbps POE PSE port	
SFP	Singe fiber/Dual fiber supported. Distance vary the module	
Thermal Fan	Fanless Design	
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(yellow) PoE Working Indicator: PoE(green) SFP indicator: ON/OFF	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	12Gbps
	Packet forwarding rate	8.93Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz DC52V/1.25A	
ESD Protection	6KV ESD	
Dimension(W×D×H)	202mm x 104mm x 44.5mm(7.95in x 4.09in x 1.75in)	
Weight	0.72Kg	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE	
PoE Supply Type	1/2(+), 3/6(-) End-span	
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)	
PoE Power budget	65W	
Environment		
Environment specification	Operating temperature: -20℃~55℃，operating humidity: 5%~95% Storage temperature: -40℃~75℃，storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE.RoHs	

Link/ACT Indicator

Power sfp Indicator · PoE Working Indicator

10/100M PoE Ports · SFP Uplink Port

AC/IN 100~240V

Ground terminal · AC Input

Structure Diagrams

202mm(7.95in)

104mm (4.09in)

44.5mm (1.75in)

Applications

Wi-Fi · VoIP · IP Camera · LED Lighting

PoE Extender · PoE Splitter

Local Lan · Internet

Ordering Information	
FMC-4PGE2GF	4 Ports 10/100/1000Mbps PoE swtich with 2 SFP,6KV surge protection,IEEE802.3af/at