Cablexa
RELIABLE CONNECTIVITY

8-Port 10/100/1000Mbps PoE Switch with 2 1000M RJ45 and 1 Gigabit SFP Uplink

802.3at PoE+ 802.3af | PoE WatchDog | UTP Extend 250m

EXCLUSIVE 2 YEAR WARRANTY

FMC-8PGE2GE1GF

Key Features:

Ports: Provide 8*10/100/1000Mbps PoE ports and 2 *1000Mbps RJ45 and 1 Gigabit SFP Uplink
PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant
Total Power: Total power budget of 100W 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 8* 10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 2 * 1000Mbps RJ45 and 1Gigabit SFP Uplink ports. the **Cablexa USA** PoE switch provides Maximun power budget of 120W and 30W for single PoE ports sepectively,allowing users to have several different Networking products configured

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 more reliable performance even in some harsh environments.

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Technical Datasheet

Model	FMC-8PGE2GE1GF	
Hardware Specifications		
Network Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1 1000BASE-X SFP	
PoE Port	8 10/100/1000Mbps POE PSE port	
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(green). PoE Working Indicator: PoE(green)	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	24Gbps
	Packet forwarding rate	17.86Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(W×D×H)	270mm x 180mm x 44.5mm(10.62in x 7.09in x 1.75in)	
Weight	2Kg	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE 802.3ab Gigabit 1000BASE-T 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	120W	
Environment		
Safety	FCC Part15 Class A,CE.RoHs	
Environment specification	Operating temperature: -20℃~55℃，operating humidity: 5%~95% Storage temperature: -20℃~75℃，storage humidity: 5%~95%	

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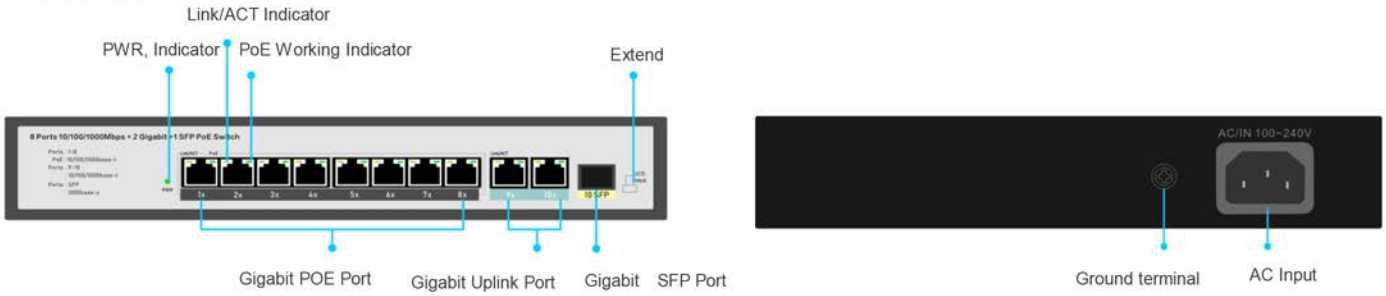
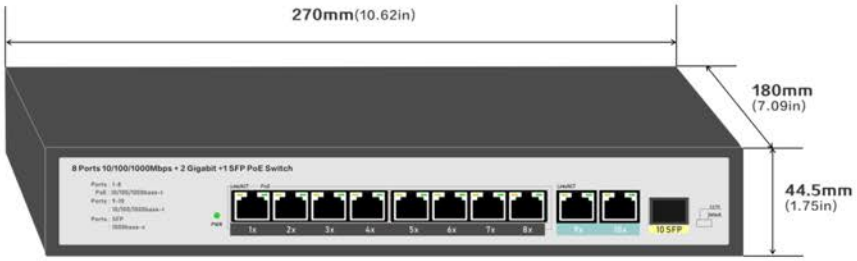
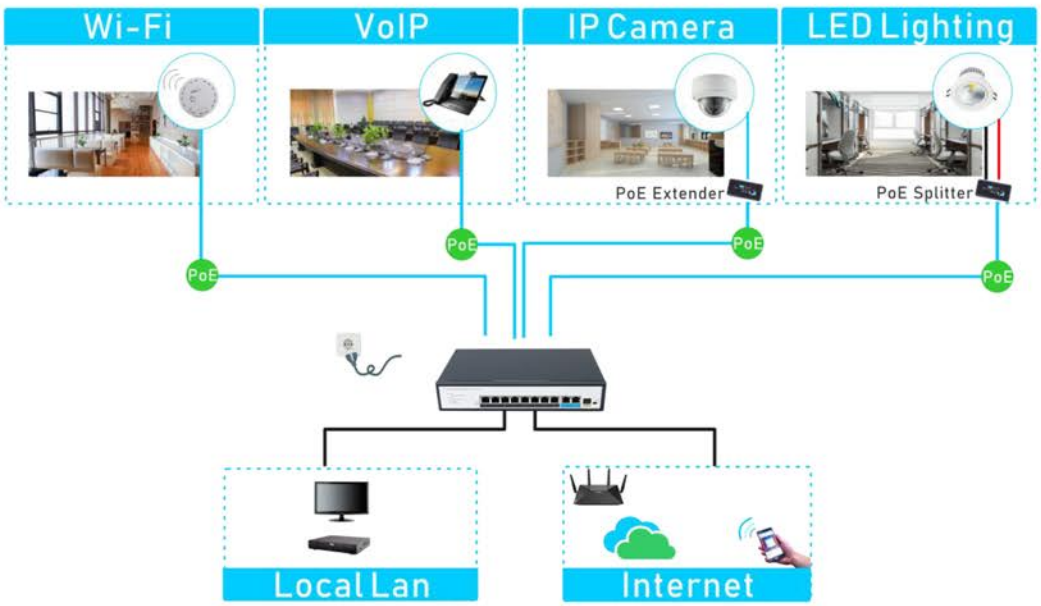
Interfaces



Structure Diagrams



Applications



Ordering Information	
FMC-8PGE2GE1GF	8 Ports 10/100/1000Mbps PoE switch with 2 1000M RJ45 and 1 Gigabit SFP Uplink, 6KV surge protection,IEEE802.3af/at