

8-Port 10/100/1000Mbps PoE Switch with 2 1000M Uplink



FMC-8PGE2GE

Key Features:

Ports: Provide 8*10/100/1000Mbps PoE ports and 2 *1000Mbps Uplink

PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant

Total Power: Total power budget of 100W and 30W for all single 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 lightning 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 Uplink ports. the **Cablexa USA** PoE switch provides Maximum power budget of 100W 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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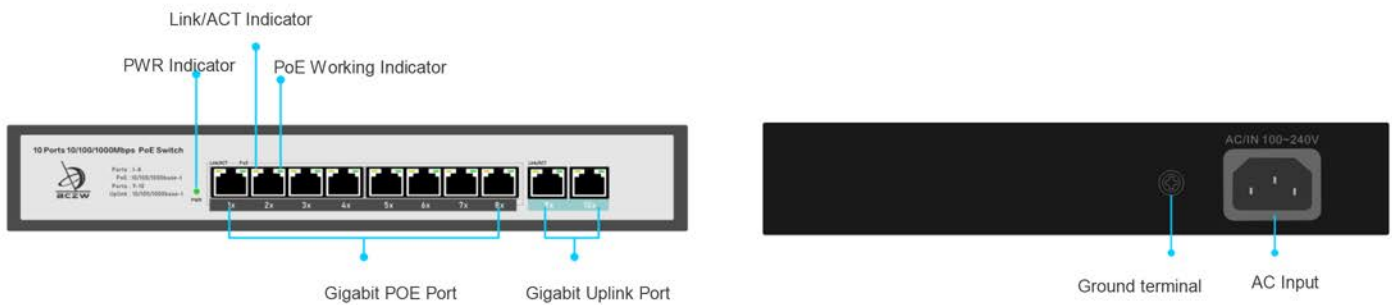
Technical Datasheet

| | | |
|--|---|--|
| Model | FMC-8PGE2GE | |
| Hardware Specifications | | |
| Network Connector | 8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 10/100/1000BASE-T RJ45 auto MDI/MDIX ports | |
| PoE Port | 8 10/100/1000Mbps POE PSE port | |
| LED indicators | Power Indicator: PWR(green). Network Indicator: Link(yellow) PoE Working Indicator: PoE(green) | |
| Switch Architecture | Store and Forward | |
| Transmission model | IEEE802.3X full-duplex and Backpressure half-duplex | |
| Switch Performance | Backplane bandwidth | 20Gbps |
| | Packet forwarding rate | 14.88Mpps |
| | 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 | 1.4Kg | |
| 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% |

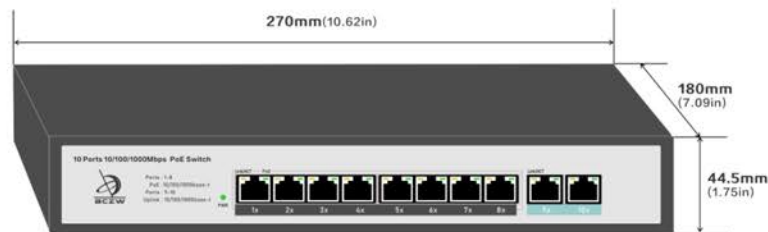
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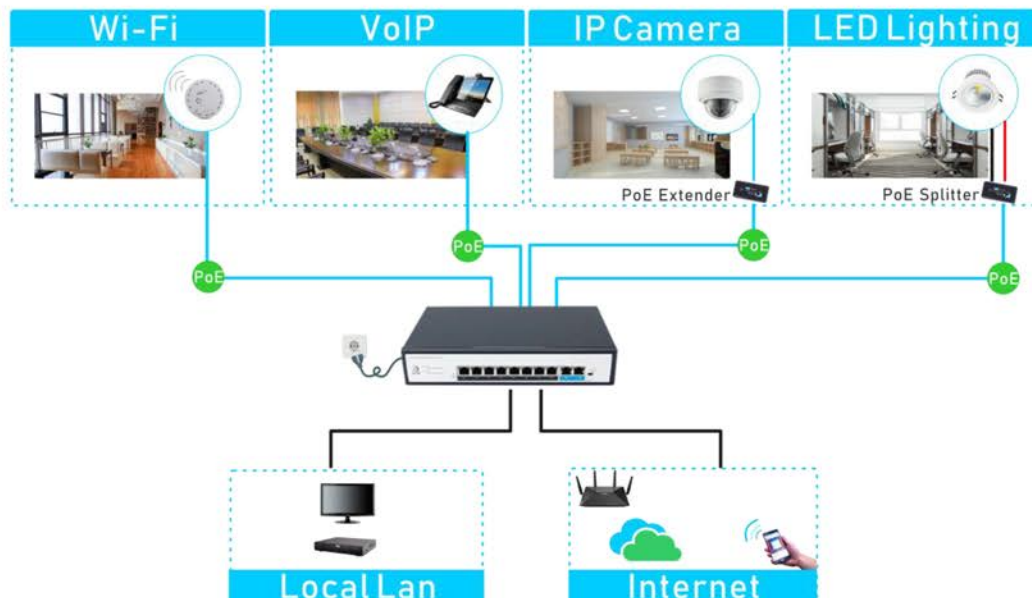
Interfaces



Structure Diagrams



Applications



Ordering Information

FMC-8PGE2GE

8 Ports 10/100/1000Mbps PoE switch with 2 Gigabit Uplink, 6KV surge protection, IEEE802.3af/at