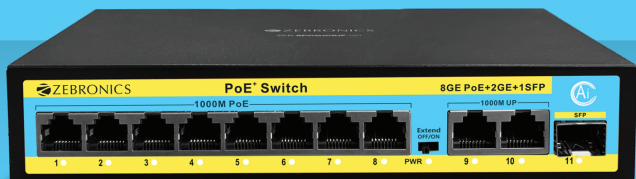




8 Port POE Switch

8PG2UG1UF-120



User Manual

www.zebronics.com

Hello Zebbee! Please read the following instructions carefully in order to use the product optimally.

Note:

- Do not expose the device to steam or dust.
- Do not install the device at position exposed to sunlight or in high temperature.
- Do not directly expose the device to humid environment.
- The device must be installed on solid and flat surface.
- Do not block air vent of the device or ventilation around the device.
- Do not place any object on the sides of the device to avoid ventilation issue.
- Do not disassemble the device.

Features:

- 8 Self Adaptive PoE Ports
- Dual Gigabit Uplink Ports
- SFP Port
- AI Watchdog Function
- 120W Output (Max.)
- High Data Rate
- Upto 30W Per Port
- Wide Compatibility
- Short Circuit Protection
- Anti Interference Capability
- Lightning & Surge Protection
- Dynamic Power Control

Specifications:

Connector Type	: 8 Ports 1000M PoE + 2 Ports 1000M Ethernet Uplink + 1 x 1000M SFP
Network Protocols	: IEEE802.3/802.3u, IEEE802.3x, IEEE802.3ab
PoE Parameters	
PoE Standard	: IEEE802.3af (15.4W) & IEEE802.3at (30W)
PoE Compatibility	: IEEE802.3af/at Self Adaptive
Power Pin Assignment	: MODE A [1/2(+), 3/6(-)]
Network Media	
10BASE-T	: <250 Meters
100BASE-TX	: <100 Meters
1000BASE-T	: <100 meters
Power Supply	
Input	: AC100-240V, 50/60Hz
Output	: 30W Per Port
Power Budget	: 120W
Performance Specification	
Bandwidth	: 22Gbps
MAC	: 2K
Packet Buffer	
Memory	: 2 Mbits
10M Packet	
Forwarding Rate	: 14880 pps/port
100M Packet	
Forwarding Rate	: 148800 pps/port
1000M Packet	
Forwarding Rate	: 1488000pps/port

LED Indicator

Power (Red) : Lit - Powered,
Unlit - No Power

Ethernet (Green) : Flash - Data Transmit,
Unlit - Disconnect

Working Environment

Operating

Temperature : -10°C ~ 55°C

Storage

Temperature : -20°C ~ 70°C

Operating

Humidity : Max 20 ~ 95%
(Non-Condensation)

Storage

Humidity : Max 20 ~ 95%
(Non-Condensation)

Physical Parameter

Product Dimension

(W x D x H) : 19 x 12.5 x 3.8 cm

Net. Weight : 622g

Transmission Distance

Data Transmission

Distance : 250m (Max.)

PoE distance upto 250 meters with 10M via Cat.6

Port Surge Protection: 6KV

Forwarding Mode : Store and forward

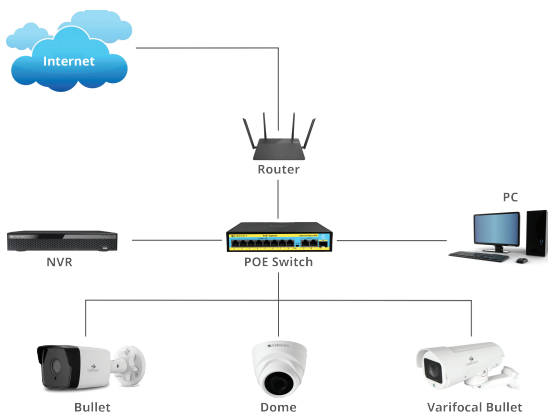
Package Contents:

Ethernet Switch : 1U

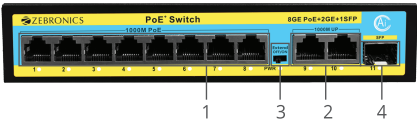
Power Cord : 1U

Typical Application& connection setup :

The typical application of the device is shown below.



Front Panel



No.	Name	Description
1	8 Ports 10/100/1000M PoE	8 x 10/100/1000 Mbps self-adaptive RJ45 port
2	2 Ports 1000M Ethernet Uplink	2 x 1000 Mbps self-adaptive uplink port
3	Extend Switch	Transmission mode selection (100 meter POE, Extend 250 meter POE VLAN mode)
4	SFP Port	1 x 1000M SFP Port

Back Panel



No.	Name	Description
1	Power port	Supports AC100-240V, 50/60Hz
2	Ground Terminal	Grounding terminal