



ZEB 8 Port POE Switch **8PPM2UM**



User Manual

www.zebeye.com

Hello Zebee! 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 Gigbit Uplink Ports

250M Extended Transmission (Max.)

120W Output (Max.)

Upto 30W Per Port

Full Duplex

High Data Rate

Wide Compatibility

Flexible Mounting

Dynamic Power Control

Short Circuit Protection

Voltage Protection

Anti Interference Capability
Lightning Protection

Specifications

Connector Type	: 8 Ports 10/100M PoE + 2 Ports 1000M Ethernet Uplink
Network Protocols	: IEEE802.3, IEEE802.3u, IEEE802.3x
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	: Cat 3,4,5 UTP (<100 Meters)
10BASE-T	: Cat 6 UTP (=<250 Meters)
100BASE-TX	: Cat5 or more UTP (<100 Meters)
Power Supply	:
Input	: AC100-240V, 50/60Hz
Output	: 30W Per Port
Power Budget	: 120W
Performance Specification	
Bandwidth	: 5.6Gbps

MAC : 1K

Packet Buffer

Memory : 1 Mbits

10M Packet

Forwarding Rate : 14880pps/port

100M Packet

Forwarding Rate : 148800pps/port

LED Indicator

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

Ethernet : Flash - Data
Transmit,
Unlit - Disconnect

Working Environment

Operating

Temperature : -20°C ~ 50°C

Storage

Temperature : -45°C ~ 85°C

Operating

Humidity : Max 10 ~ 90%,
Non-Condensing

Storage Humidity : Max 5 ~ 95%,
Non-Condensing

Physical Parameter

Product Dimension

W x D x H : 20 x 14 x 4.5 cm

Package Dimension

W x D x H : 27.5 x 16.5 x 5.4 cm

Net. Weight : 700g

Transmission Distance

Data Transmission

Distance : 250m (Max.)

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

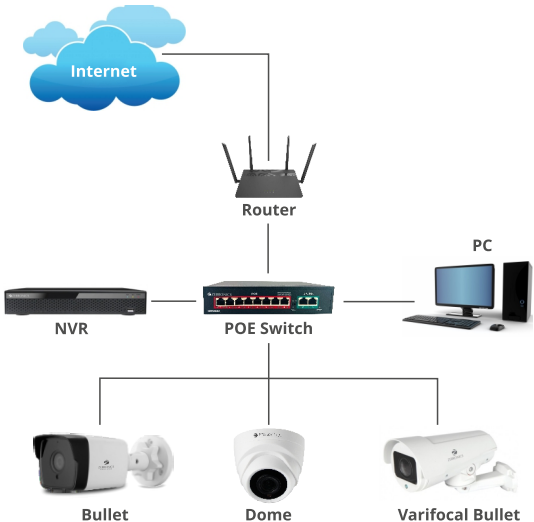
Port Surge Protection : 6KV
Forwarding Mode : Store-&-Forward

Package Contents:

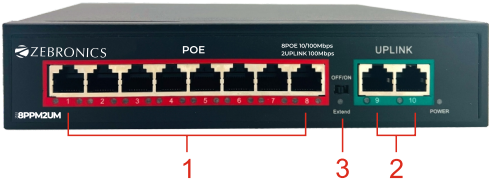
Ethernet Switch : 1U
Power Cord : 1U
QR Code Guide : 1U

Typical Application& connection setup :

The typical application of the device is shown below.



Front Panel



No.	Name	Description
1	8 Ports 10/100M PoE	8 x 10/100 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)

Back Panel



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

ISO 9001:2015 Certified Company
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