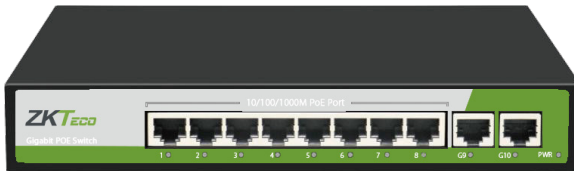


# PE082-120-G

## 8 Ports 10/100/1000Mbps PoE Ethernet Switch



- 8\*10/100/1000M PoE ports +2\*gigabit network RJ45 ports (10/100/1000 Mbps self-adaptation)
- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x
- The max. PoE power output is 15.4 W (IEEE 802.3af)/ 30 W (IEEE 802.3at)
- Flow Control for Full Duplex operation and back pressure for Half Duplex operation
- Support RJ45 Auto-MDI/MDIX
- With panel indicator for monitoring status and failure analysis

### Brief Introduction

PE082-120-G is an advanced Ethernet PoE switch, providing a network point for data transmission and power supply, and supporting 10/100/1000 Mbps negotiated Ethernet interfaces or ports. It has 8 Gigabit PoE ports that can provide standard IEEE802.3af/at power supply through network cables.

Because of the advanced self-sensing algorithm for supplying power over IEEE802.3af/at, the connected PoE or non-PoE standard equipment is safely protected.

It can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, hotels, and schools, contributing to a high-performance network.

### Specifications

|            |                                                                                                                                    |                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Network    | Model Number                                                                                                                       | PE082-120-G                                            |
| Parameters | Port Type                                                                                                                          | 8*10/100/1000M PoE ports +2*gigabit network RJ45 ports |
|            | Switching Capacity                                                                                                                 | 20Gbps                                                 |
|            | Packet Forwarding Rate                                                                                                             | 14.88Mpps                                              |
|            | Internal Cache                                                                                                                     | 1.5M                                                   |
|            | MAC Address Table                                                                                                                  | 2K                                                     |
|            | Jumbo Frames                                                                                                                       | 9216bytes                                              |
|            | Forwarding Mode                                                                                                                    | Store-and-Forward switching                            |
|            | Mean Time Between Failure (MTBF)                                                                                                   | 100,000 hours                                          |
|            | PoE Power                                                                                                                          | < 110W                                                 |
|            | Switch Power                                                                                                                       | < 120W                                                 |
| Standards  | IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x                                                                                     |                                                        |
|            | 10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m)<br>100Base-TX : Cat5/Cat5e UTP/STP(≤100m)<br>1000Base-TX : Cat5/Cat5e UTP/STP(≤100m) |                                                        |
|            | IEEE802.3af (15.4W)<br>IEEE802.3at (30W)                                                                                           |                                                        |

|              |                             |                         |
|--------------|-----------------------------|-------------------------|
| Power supply | AC INPUT (100-240V) 50/60Hz |                         |
| General      | Operating Temperature       | -20~50℃                 |
|              | Storage Temperature         | -40~85℃                 |
|              | Operating Humidity          | 10%~90%, non-condensing |
|              | Storage Humidity            | 5%~90%, non-condensing  |
|              | Product Dimensions(L*W*H)   | 220*161*36.5(mm)        |
|              | Packing Dimensions(L*W*H)   | 303*190*60(mm)          |
|              | Net Weight                  | 0.79kg                  |
|              | Gross Weight                | 1.06kg                  |

Ordering Information

|                 |             |                                                             |
|-----------------|-------------|-------------------------------------------------------------|
| Product Type    | Part Number | Description                                                 |
| Ethernet Switch | PE082-120-G | 8 Ports 10/100/1000Mbps Ethernet Switch<br>(2 Uplink Ports) |

Dimensions (mm)

