



## Fibre Management

## Outdoor PoE Switches Series Model 04



200  
WATT



### Technical Specifications

|                    |                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply       | AC100-240V, 50/60Hz                                                                                                                                 |
| Consumption        | Self-consumption<15W, PoE output 185W max                                                                                                           |
| Downlink ports     | 1~2ports: 10/100/1000Base-T 90W PoE RJ45(IEEE802.3bt, also support IEEE 802.3af/at )<br>3~8 ports: 10/100/1000Base-T 30W PoE RJ45(IEEE802.3af/at)   |
| Uplink ports       | Ports 9~10 1000Base-X SFP                                                                                                                           |
| Console port       | RJ45 to serial port (38400,8,N,1)                                                                                                                   |
| Reset key          | Short press restart , >5s press recovery to default                                                                                                 |
| Cable and distance | Use cat5e/6, 100m max.                                                                                                                              |
| Standard           | IEEE802.3, IEEE802.3u, IEEE802.3z                                                                                                                   |
| Switch fabric      | 20Gbps                                                                                                                                              |
| Though put         | 14.88Mpps                                                                                                                                           |
| Buffer             | 1M                                                                                                                                                  |
| MAC address table  | 8K                                                                                                                                                  |
| Indicator          | Power: 1*red ;<br>Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE<br>Uplink9, 10: On RJ45 green LEDs indicate Link/Act |
| Protection         | Surge: 6KV, standard: IEC61000-4-5<br>ESD: 6KV: contact 8KV: air, standard:IEC61000-4-2                                                             |
| SPD                | AC lightning arrester, 385v AC@20KA , 2p, - 40~70°C, lower incoming line, dxh06-fcs / 2r40                                                          |

### Product Description

Introducing Model 4, an advanced outdoor PoE switch designed for demanding applications such as surveillance and forest monitoring. This integrated unit combines a PoE switch, optical fiber tray, air breaker, and lightning arrester, ensuring reliable performance in challenging outdoor environments.

With an AC220V mains power input and a powerful 200W DC52V power module, Model 5 features eight 10/100/1000M PoE downlink ports and two 1000M SFP ports, all equipped with L2 network management capabilities. It supports PoE power outputs of up to 90W on two ports and 30W on six ports, making it ideal for powering a variety of devices.

The switch also provides essential L2 management functions, including QoS, VLAN, MSTP, ERPS, multi-broadcast, and comprehensive port and PoE management. With robust 6KV surge protection and 6KV contact / 8KV air ESD protection, Model 5 is built to withstand electrical disturbances. Its waterproof design (IP66 rating) and anti-rust treatment ensure long-term durability in outdoor settings, making it a reliable choice for enhancing connectivity in any application.



### To Order

Ordering information on page 2.



### Technical Specifications (Continued)

|                     |                        |
|---------------------|------------------------|
| Working temperature | -20°C~65°C             |
| Storage temperature | -40°C~85°C             |
| Humidity            | 0~95%(No condensation) |
| Dimension(L×W×H)    | 280mm×200mm×260mm      |
| Material            | Metal                  |
| Colour              | White                  |
| Net-weight          | 8KG                    |

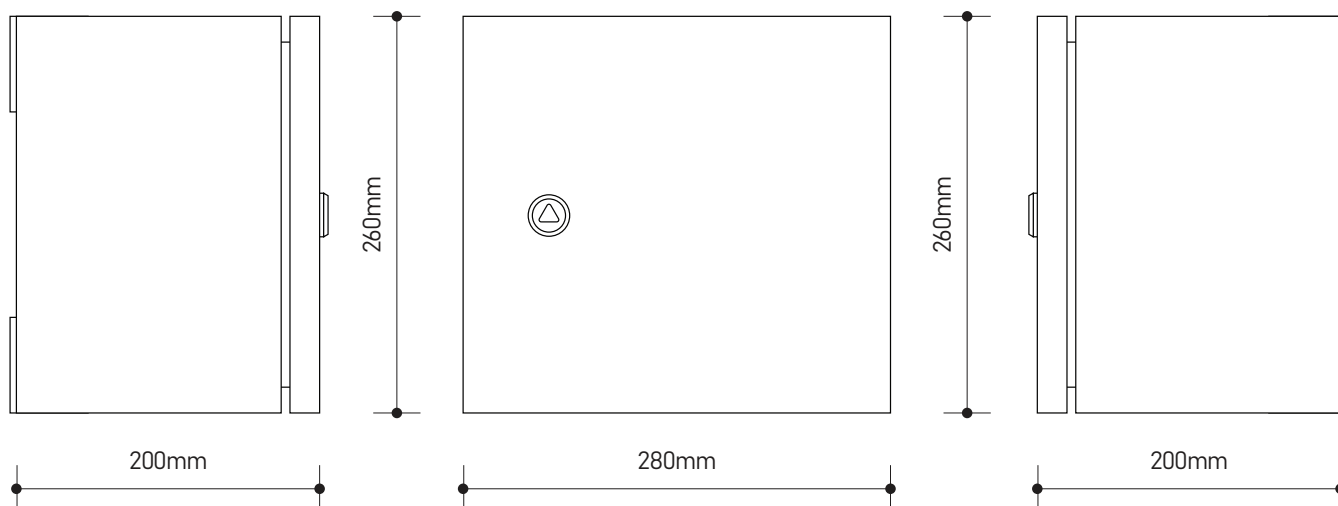
### Features & Benefits

- AC220V mains power input with an internal 200W DC52V power module.
- Features eight 10/100/1000M PoE downlink ports and two 1000M SFP ports, along with L2 network management capabilities
- Supports PoE power of up to 90W on two ports and up to 30W on six ports.
- Provides L2 management functions including QoS, VLAN, MSTP, ERPS, multi-broadcast, port management, and PoE management.
- Equipped with 6KV surge protection and 6KV contact / 8KV air ESD protection.
- The enclosure is waterproof (IP66 rating) and treated for rust resistance, making it suitable for long-term outdoor use

### Applicable scenarios

- IP Security Cameras – Powers and connects surveillance cameras.
- Wireless Access Points (WAPs) – Supports Wi-Fi network devices.
- VoIP Phones – Powers and connects office phones.
- Building Management Systems (BMS) – Controls sensors and automation systems.
- Digital Signage – Powers and connects displays in public spaces.
- Industrial/Manufacturing – Powers sensors and automation equipment.
- Smart Homes/IoT – Connects and powers IoT devices and controllers.

### Structure



### To Order

To place an order, use the contact details below.



A look inside



| Example Part Number                                      |             |
|----------------------------------------------------------|-------------|
| Description                                              | Part Number |
| Outdoor PoE Switches Series 280mm×200mm×260mm - Model 04 | 0POESM4     |

To Order

To place an order, use the contact details below.