



Fibre Management

Outdoor PoE Switch with Backup Power - Model 01



Technical Specifications

Power supply	AC power supply
Range of voltage	AC100~240V,50/60HZ
Ethernet ports parameter	Ports 1~8 10/100/1000Base-T 30W PoE RJ45(IEEE 802.3af/at) Ports 9~10 1000Base-X SFP
Working mode	Default mode: normal switch mode. VLAN mode: ports 1 ~ 8 are isolated from each other and can only communicate with the uplink port; restrain the network storm; turn off the flow control.
Cable and distance	Use cat5e/6, 100m max.
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	20Gbps
Throughput	14.88Mpps
Buffer	4M
MAC address table	16K
Power	1*red
Uplink 9,10	Green LEDs indicate Link/Act
Downlink 1~8	Green LEDs indicate Link/Act, yellow LEDs indicate PoE
Surge	6KV, standard: IEC61000-4-5
ESD	6KV: contact / 8KV: air, standard:IEC61000-4-2

Product Description

Introducing the Outdoor PoE Switch with Backup Power, Model 1, expertly designed for a wide range of applications, including surveillance monitoring and forest monitoring. This innovative switch integrates essential components such as a circuit breaker, AC socket, surge protector, and fiber tray, ensuring reliable and efficient performance in outdoor environments.

Model 1 features one channel for AC220V power input and one for AC power output, providing the flexibility needed for various setups. Its robust enclosure boasts an IP55 protection rating and anti-rust treatment, making it well-suited for long-term outdoor use, even in harsh weather conditions. Additionally, the built-in backup power option guarantees uninterrupted operation, ensuring your systems remain functional when they are needed most.

Whether deployed in safe city initiatives, smart transportation systems, or environmental monitoring projects, Model 1 delivers dependable connectivity and robust protection, making it the ideal choice for enhancing outdoor infrastructure and supporting critical operations. With its comprehensive design, you can trust Model 1 to meet the demands of your outdoor applications.



To Order

Ordering information on page 2.



Technical Specifications (Continued)

Working temperature	-20°C~70°C
Storage temperature	-40°C~85°C
Humidity	0~95%(No condensation)
Dimension(H×W×D)	500mm×380mm×220mm
Material	Metal
Colour	white
Net-weight	15KG

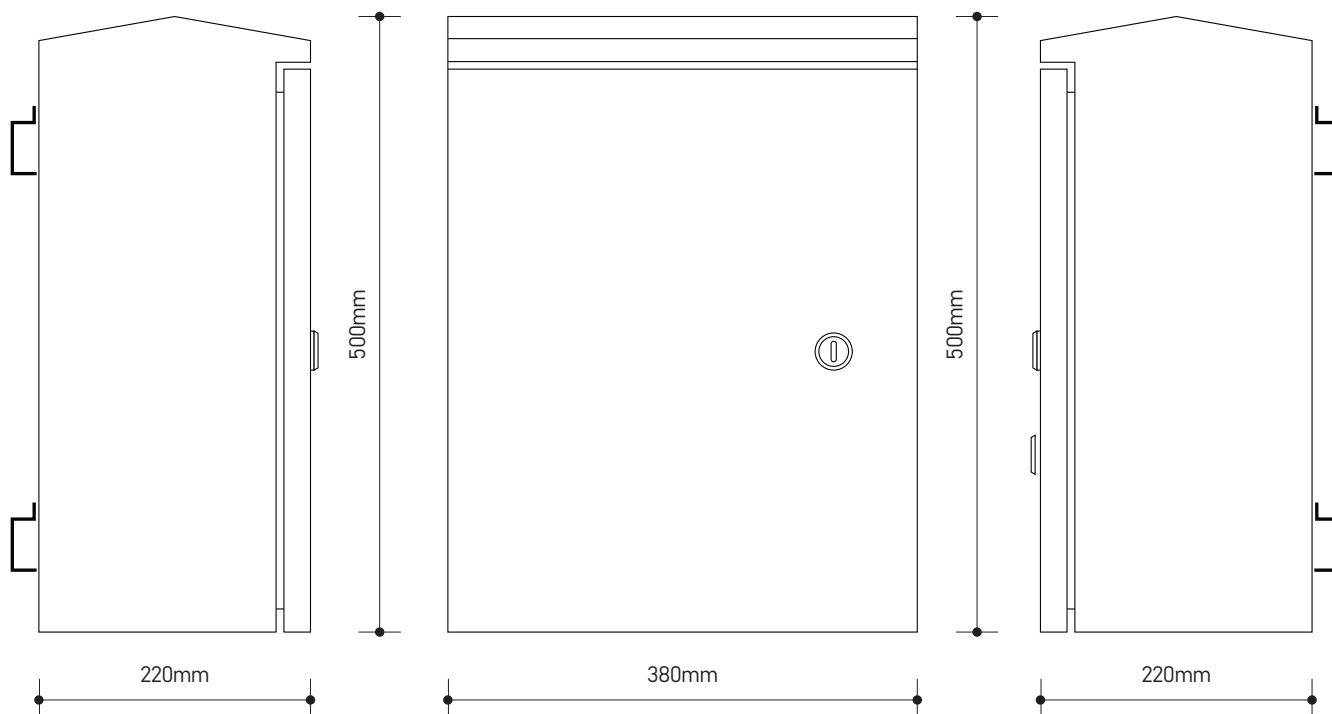
Features & Benefits

- Offers one channel for AC220V power input and one channel for AC power output.
- Includes a built-in fiber tray, circuit breaker, PoE switch, and grounding array.
- The enclosure features waterproofing (IP55 rating) and anti-rust treatment, making it suitable for long-term outdoor use.
- Ideal for applications in safe city initiatives, smart transportation, monitoring tourist attractions, forest monitoring, and water conservancy.

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 Switch with Backup Power 500mm×380mm×220mm - Model 01	OPOESBPM1

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