



Fibre Management

Outdoor PoE Switch with Backup Power - Model 02



Technical Specifications

Power supply	AC100-240V, 50/60Hz
AC output	AC output 1 channel
Battery	DC12V (customer provide)
Power supply	With backup power
Fiber tray	4 port dual fiber SC
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

Product Description

Introducing the Outdoor PoE Switch with Backup Power, Model 2, a high-performance solution designed for demanding applications such as surveillance and forest monitoring. This integrated unit combines a managed PoE switch, fiber tray, circuit breaker, lightning arrester, and an uninterruptible power supply (UPS) for backup power, ensuring reliable operation in various outdoor environments.

Model 2 features an AC220V mains power input with a powerful 240W internal power module. It is equipped with eight 10/100/1000M PoE downlink ports and two 1000M SFP uplink ports, all supported by L2 management capabilities. With the ability to deliver up to 90W on two ports and 30W on six ports, this switch can effectively power multiple devices while providing advanced management features like QoS, VLAN, MSTP, multi-broadcast, and port management.

Built to withstand harsh conditions, the Outdoor PoE Switch with Backup Power, Model 2, boasts an IP66 protection rating, ensuring waterproof reliability and rust resistance for long-term outdoor use. With robust surge protection and ESD protection measures in place, Model 2 is the ideal choice for enhancing connectivity and monitoring capabilities in outdoor infrastructure.



To Order

Ordering information on page 2.



Switch 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 802.3 af/at) 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
Through put	14.88Mpps
Buffer	1M
MAC address table	8K
Indicator	Power: 1 *red ; Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE Uplink9, 10: On RJ45 green LEDs indicate Link/Act
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact 8KV: air, standard: IEC61000-4-2

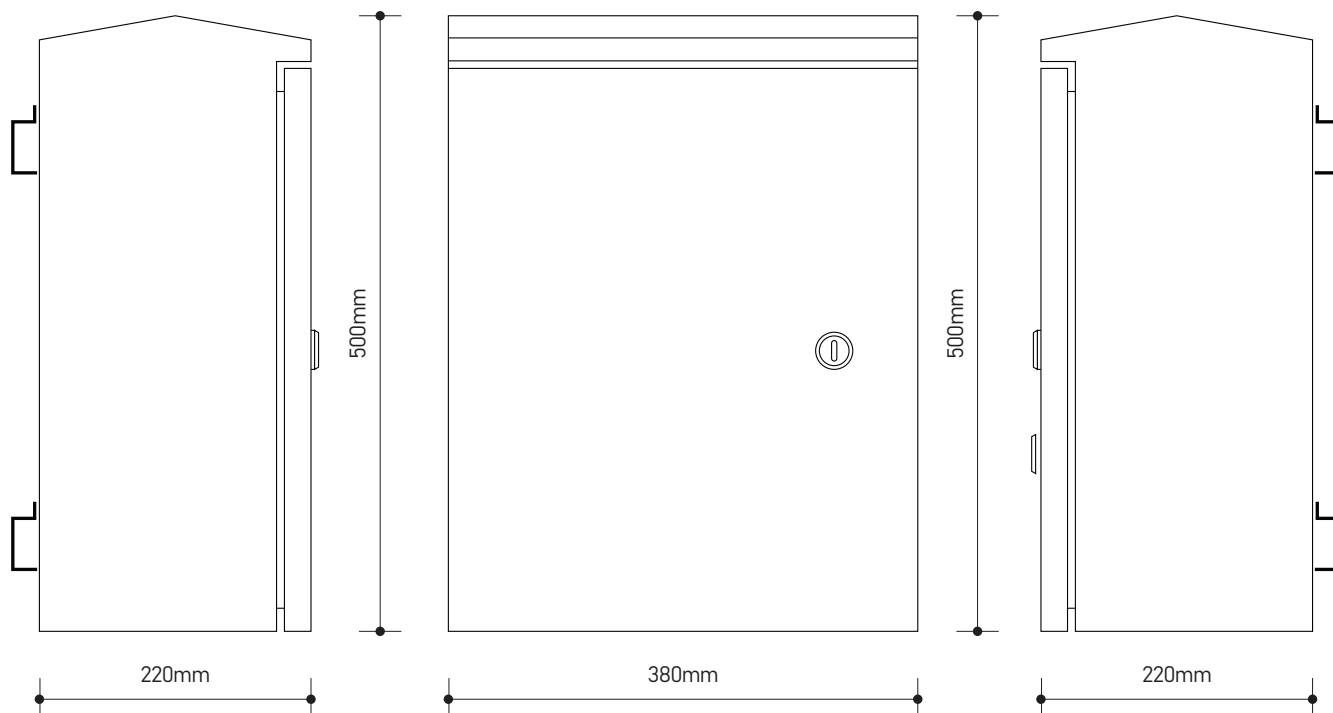
Features & Benefits

- AC220V mains power input with an internal 240W power module
- Equipped with eight 10/100/1000M PoE downlink ports and two 1000M SFP uplink ports, featuring L2 management capabilities
- Supports PoE power output of up to 90W on two ports and up to 30W on six ports.
- Offers L2 management features including QoS, VLAN, MSTP, multi-broadcast, port management, and PoE management
- Includes 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

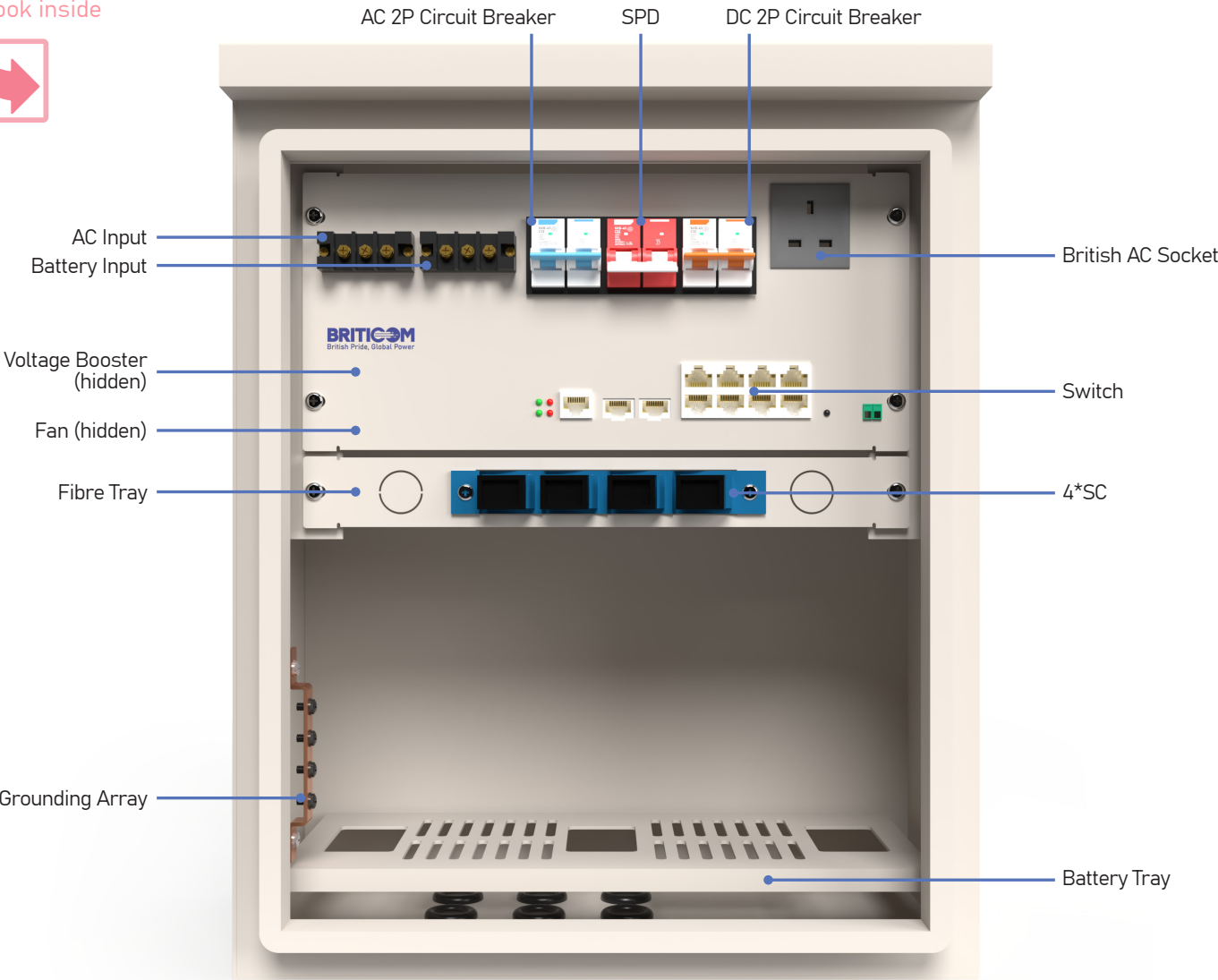


To Order

To place an order, use the contact details below.



A look inside



Example Part Number	
Description	Part Number
Outdoor PoE Switch with Backup Power 500mm×380mm×220mm - Model 02	OPOESBPM2

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