



Fibre Management

Outdoor PoE Switches Series Model 02



Technical Specifications

Power supply	AC100-240V, 50/60Hz
Consumption	Self consumption<5W, PoE output max. 115W
Downlink ports	Ports 1~8 10/100Base-TX 30W PoE RJ45(IEEE 802.3af/at)
Uplink ports	Ports 9~10 1000Base-X SFP
PoE ports	Ports 1~8 support IEEE802.3af/at, end-span, 30W per port Max.
PoE Auto-check	If detect the frozen PD device, restart it
Working mode	Extend: 1~8 ports Max. 250m transmission, 1~8 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control. Default: common switch. VLAN: 1~8 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control.
1~8 PoE ports	Support IEEE 802.3af/at, end-span, single port <30W
Cable and distance	Use cat5e/6,100m max.
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	5.6Gbps
Though put	4.2Mpps
Buffer	12KB
MAC address table	4K
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

Product Description

Introducing Model 2, an advanced outdoor PoE switch designed for demanding applications such as surveillance and forest monitoring. This all-in-one unit integrates a PoE switch, optical fiber tray, air breaker, and lightning arrester, ensuring reliable operation in various environments.

With an AC220V mains power input and a 120W DC52V power module, Model 2 features eight 10/100M PoE downlink ports and two 1000M SFP uplink ports, allowing for efficient data transmission. Each PoE port provides up to 30W, with a total output capacity of 115W, making it suitable for powering multiple devices.

The switch also offers three VLAN modes for flexibility in complex environments and a PoE Auto-check function that automatically detects and resets frozen devices, simplifying maintenance. With robust 6KV surge protection and 6KV contact / 8KV air ESD protection, along with an IP55-rated waterproof and rust-resistant design, Model 2 is built to withstand the elements and deliver long-term performance outdoors.



To Order

Ordering information on page 2.



Technical Specifications (Continued)

Protection	Surge: 6KV, standard: IEC61000-4-5 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
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

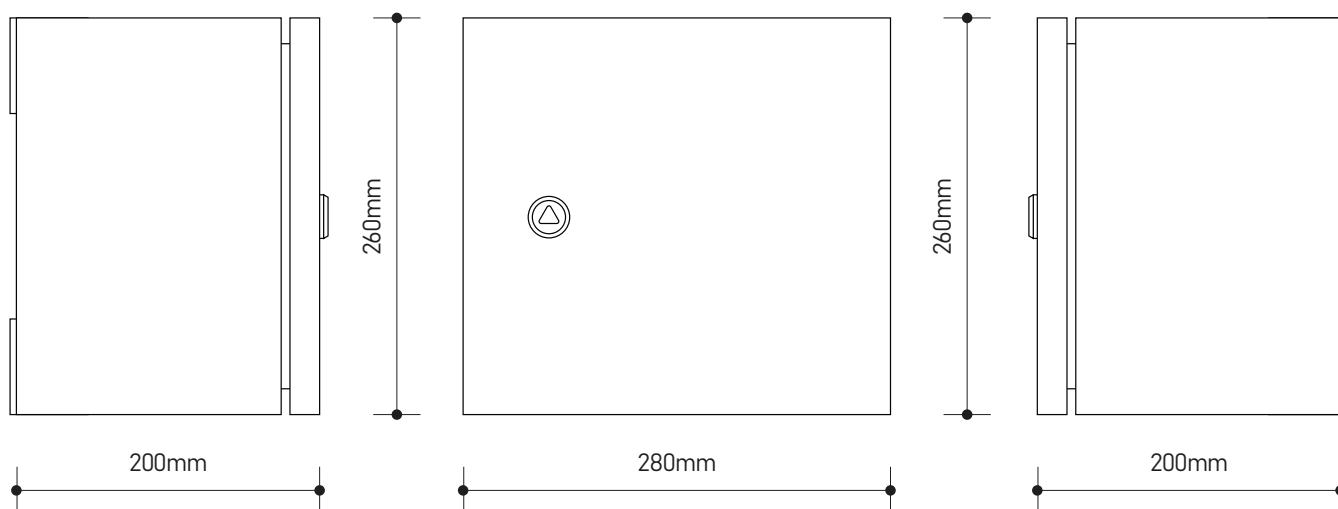
Features & Benefits

- AC220V mains power input with a 120W DC52V power module.
- Eight 10/100M PoE downlink ports and two 1000M SFP uplink ports.
- Each PoE port delivers up to 30W, with a total maximum output of 115W.
- Three VLAN modes for diverse environments.
- PoE Auto-check function automatically detects and resets frozen devices, simplifying maintenance.
- 6KV surge protection and 6KV contact / 8KV air ESD protection.
- Waterproof (IP55 rating) and rust-resistant design 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



2P Air-Breaker 10A
SPD

Fan



AC IN

Switch

Fibre Tray 4*LC

Grounding Array

Example Part Number	
Description	Part Number
Outdoor PoE Switches Series 280mm×200mm×260mm - Model 02	0POESM2

To Order

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