



Fibre Management

Outdoor PoE Switches Series Model 01



Technical Specifications

Power supply	AC100~240V, 50/60Hz
Consumption	Self consumption<5W, PoE output max. 55W
Downlink ports	Ports 1~4 10/100/1000Base-T 30W PoE RJ45(IEEE 802.3af/at)
Uplink ports	Ports 5~6 10/100/1000Base-T RJ45
PoE ports	Ports 1~4 support IEEE802.3af/at, end-span, 30W per port Max.
Cable and distance	Use cat5e/6, 100m max.
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	12Gbps
Through put	8.928Mpps
Buffer	448K
MAC address table	1K
Indicator	Power: 1 *red ; Uplink5, 6: On RJ45 yellow and green LEDs indicate Link/Act; Downlink 1~4: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE
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

Product Description

Introducing Model 1, a cutting-edge solution designed for outdoor applications, including surveillance monitoring and forest monitoring. This innovative device seamlessly integrates a PoE switch, air breaker, and lightning arrester into one robust unit, ensuring reliable performance in various environmental conditions.

Model 1 features an AC220V mains power input paired with a 60W DC52V power module, providing ample power for connected devices. Its design includes four 10/100/1000M PoE downlink ports and two 10/100/1000M uplink ports, allowing for efficient data transmission and flexible connectivity options.

Safety and durability are paramount, which is why Model 1 is equipped with 6KV surge protection and 6KV contact / 8KV air ESD protection, safeguarding against electrical disturbances and ensuring longevity in challenging conditions. The enclosure is built to withstand the rigors of outdoor use, boasting an IP55 protection rating and anti-rust treatment, making it suitable for long-term deployment in harsh environments.

Whether you're monitoring remote locations or enhancing security in urban areas, Model 1 provides a reliable and efficient solution to meet your needs, ensuring seamless operation and peace of mind.



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

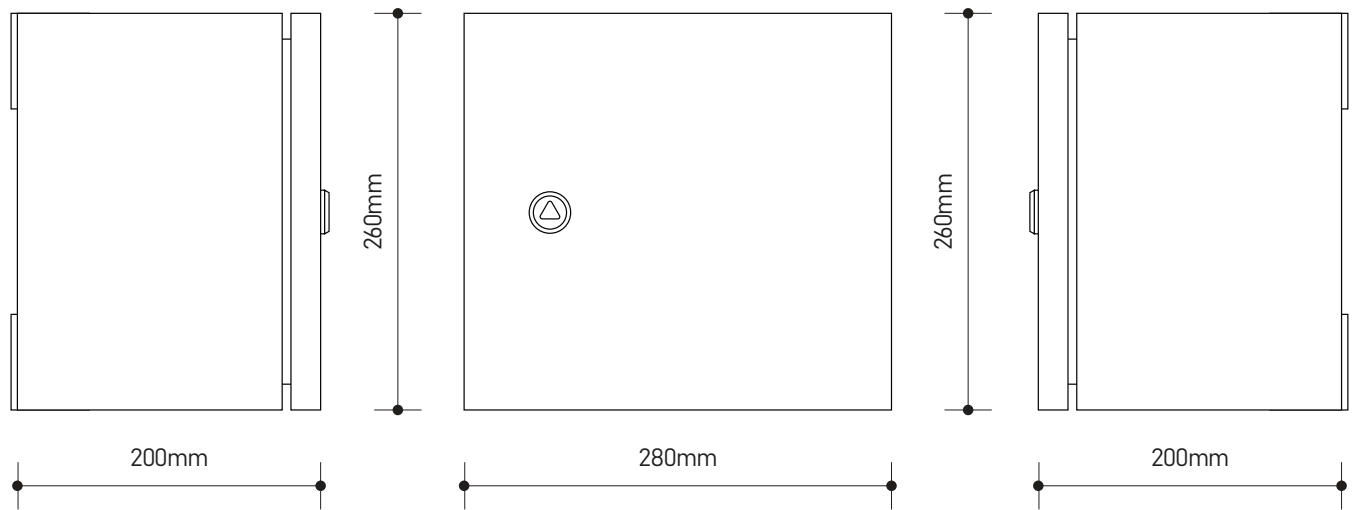
Features & Benefits

- AC220V mains power input with an internal 60W DC52V power module.
- Equipped with four 10/100/1000M PoE downlink ports and two 10/100/1000M uplink ports.
- Provides 6KV surge protection and 6KV contact / 8KV air ESD protection.
- The enclosure features waterproof design (IP55 rating) and anti-rust treatment, ensuring long-term durability.

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

Outdoor PoE Switches Series 280mm×200mm×260mm - Model 01

Part Number

0POESM1

To Order

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