Outdoor PoE switch
(8*10/100/1000M PoE ports +2*1000M SFP ports)

User manual   V 1.0
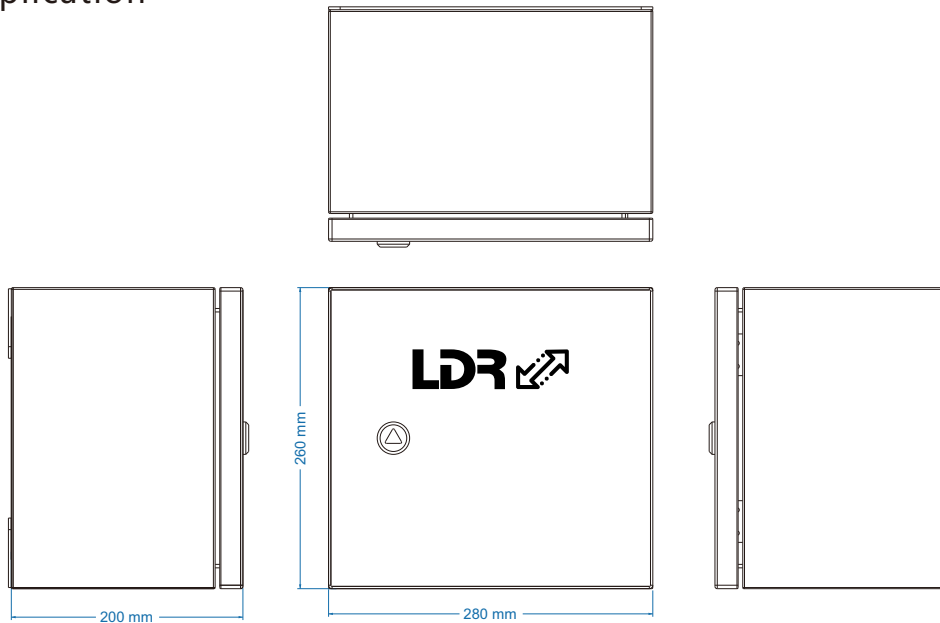
■ Overview

It is an outdoor PoE switch. It is integrated of PoE switch, circuit breaker, lightning arrester etc. It can be for outdoor using.

It can be applied for surveillance monitoring, forest monitoring, etc.
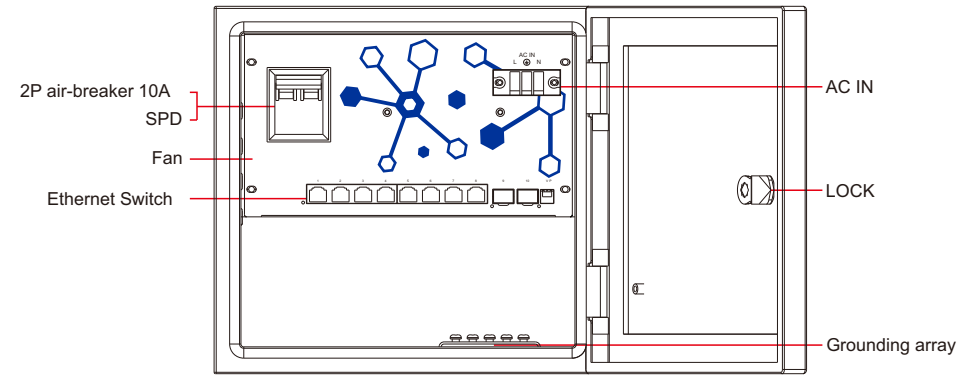
■ Feature

- AC220V mains power input, 120W DC52V power module inside.
- With 8*10/100/1000M PoE downlink ports and 2*1000M SFP uplink ports.
- The maximum PoE power of single port is 30W, and the maximum PoE power of the whole machine is 115W.
- Supports PoE Auto-check function, which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the ports' output of PSE, and restart the PD device. It greatly reduces the maintenance difficulty of engineering.
- 6KV surge protection, 6KV contact / 8KV air ESD protection.
- The box adopts waterproof , anti-rust treatment, suitable for long time outdoor use.
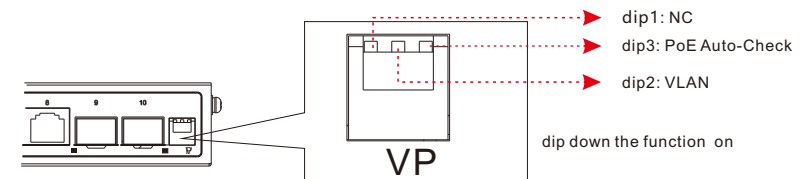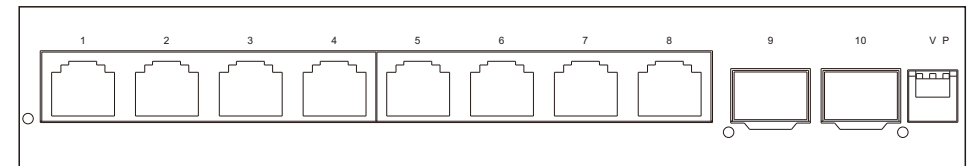
■ Application

200 mm   280 mm   260 mm

■ Panel diagram

2P air-breaker 10A
SPD
Fan
Ethernet Switch
AC IN
LOCK
Grounding array

■ Structure dimension

PoE switch

1 2 3 4 5 6 7 8 9 10 V P

dip1: NC
dip3: PoE Auto-Check
dip2: VLAN

dip down the function on

VP

⚠ **Attention 1 :**
V:VLAN: 1~8 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control.
P:PoE Auto-Check: PoE Auto-Check function is open/ closed by dip switch.
The switch always auto detect 1~8 ports whether frozen, if some ports are frozen, the switch will restart them, but other ports are unaffected.

⚠ **Attention 2:**
Opening method: Press the dip switch, the channel function started; you can turn on one or more functions.
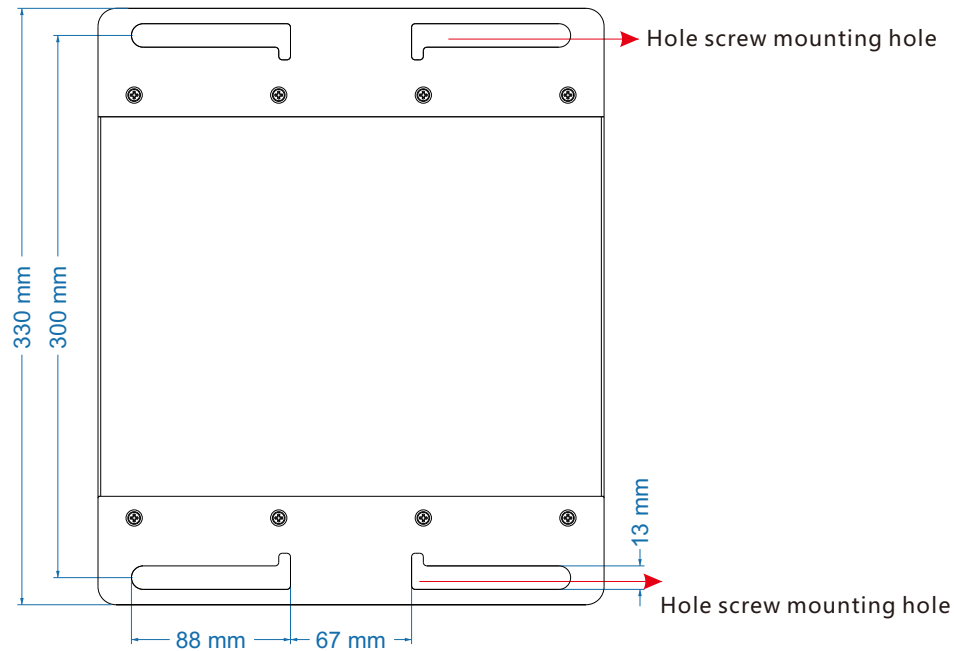
■ Package list

Please check the following items before installation,if any missing , please contact your local dealer.

Outdoor PoE Switch	1pc
User manual	1pc

■ Installation

● Installation guide

If you need to hold the pole to install, as shown in the figure below, install the two holdingholes through the pole to the rear slot;Then tighten the mounting screws to the pole to fix it.

Hole screw mounting hole

330 mm
300 mm
13 mm

Hole screw mounting hole

88 mm　67 mm

■ Specification

Item		
Power	Power supply	AC power supply
	Range of voltage	AC100~240V,50/60HZ
	Consumption	Self consumption<5W, PoE output max. 115W
Ethernet ports parameter	Ethernet ports parameter	1~8 ports: 10/100/1000Base-T 30W PoE RJ45(IEEE802.3af/at) 9~10 ports: 1000M SFP slots
	PoE ports	Ports 1~8 support IEEE802.3af/at, end-span, 30W per port Max.
	Working mode	V:VLAN: 1~8 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control. P:PoE Auto-Check: PoE Auto-Check function is open/ closed by dip switch. The switch always auto detect 1~8 ports whether frozen, if some ports are frozen, the switch will restart them, but other ports are unaffected.
	Cable and distance	Use cat5e/6, 100m max.
Switch parameter	Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
	Switch fabric	5.6Gbps
	Thoughput	4.2Mpps
	Buffer	12KB
	MAC address table	4K
Indicator	Power	1 *red
	Uplink 9~10	Green LEDs indicate Link/Act
	Downlink 1~8	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
Enviroment	Working temperature	-20℃~70℃
	Storage temperature	-40℃~85℃
	Humidity	0~95%(No condensation)
Structure	Dimension(H×W×D)	260mm×280mm×200mm
	Material	Metal
	Colour	White
	Net-weight	8KG