OSW-1031

Outdoor PoE switch
10-Port Gigabit Ethernet PoE Switch, 8 PoE Outputs
10/100/1000Mbps +2 uplink Gigabit SFP port

Overview

OSW-1031 is an outdoor PoE switch. It is integrated of PoE switch, optical fiber tray, air breaker, lightning arrester etc. It has IP55 protection grade, can be for outdoor using.It can be applied for surveillance monitoring, forest monitoring, etc.

Features

✧ 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 (protection level IP55), anti-rust treatment, suitable for long time outdoor use.

Hardware specification

Parameter	Specifications
Power supply	AC100-240V, 50/60Hz
Consumption	Self consumption<5W, PoE output max. 115W
Downlink ports	Ports 1~8 10/100/1000Base-T 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	V:VLAN: 1~8 ports are isolated, only can communicate with the uplink ports; restrain the networkt 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.
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	20Gbps
Though put	14.88Mpps
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
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 ℃, lower incoming line, dxh06-fcs / 2r40
Working temperature	-20℃~65℃
Storage temperature	-40℃~75℃
Humidity	0~95%(No condensation)
Dimension(L×W×H)	280mm×200mm×260mm
Material	Metal
Color	White
Net-weight	8KG

Structure

2P air-breaker 10A
SPD
Fan
Ethernet Switch
Optical fiber tray 4*SC

AC IN
LOCK
Grounding array