POE-SW24P-2G-240

Layer 2 PoE Switch

System Overview

POE-SW24P-2G-240 is a dedicated PoE switch designed especially for the security industry. The PoE management function displays power control and real-time port consumption. The switch provides long-distance (250 m / 820 ft) PoE transmission and a port for Hi-PoE powered devices.

- Layer 2 Managed PoE Switch
- Supports PoE, PoE+, and Hi-PoE (use with PFT1300 PoE Extender)
- 240 W PoE Budget
- 250 m (820 ft) PoE Transmission
- PoE Management, PoE Setting/Event Statisti cs/Green PoE
- Search and Upgrade via Confi gurati on Tool
- High Lightning Protection Design
- Non-blocking Video Transmission

POE-SW24P-2G-240

WINIC

Layer 2 PoE Switch

Technical Specification

Ethernet Ports	Two (2) 10/100/1000 Base-T (Combo Port) Two (2) 1000 Base-X (Combo Port) 24 x 10/100 Base-T Ports (PoE Power Supply)
PoE Power Consumption	Ports 1 and 2: Hi-PoE (60 W), PoE+, PoE Maximum per Port: ≤ 30 W Total Power Consumption: ≤ 240 W
PoE Protocol	PoE (IEEE802.3af), PoE+ (IEEE802.3at), Hi-PoE
Switching Capacity	8.8 Gbps
Packet Forwarding Rate	6.55 Mpps
Power Requirements	100 VAC to 240 VAC
Working Temperature	-10° C to 55° C (14° F to 131° F)
Application Humidity	10% to 90%
Lightning Protection	Common Mode: 4 KV Differential Mode: 2 V
Dimensions (W x D x H)	440.0 mm x 300.0 mm x 44.0 mm (17.32 in. x 11.81 in. x 1.73 in.)
Weight	3.51 kg (7.74 lb)

Certifications

Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2001+A2:2013 UL 60950-1 + CAN/CSA C22.2 No. 60950-1-07
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B EN 50130-4:2011+A1:2014, EN 55024:2010+A1:2015, EN 55032:2015, EN 6100-3-2:2014, EN 61000-3-3:2013

Service Specification

System	Username/Password: admin/admin
	IP Address: 192.168.1.110/24
PoE Budget	240 W
MAC Table Size	4K
VLAN	802.1Q Standard VLAN
Spanning Tree	STP, RTSP
Port Aggregation	Static Link Aggregation, LACP Protocol
Port Mirroring	Many-to-One Port Mirroring
DHCP	DHCP-client Support
Long Distance Mode	Power and Data Transmission Distance up to 250 m (820.21 ft)
Flow Control	Half-duplex based on back pressure type control
	Full Duplex based on PAUSE Frame
Security Features	IP+MAC Binding, based on port IEEE802.1x Port Authentication
System Maintenance	One-key Recovery, Updated Packet Upload, System Log
QoS	High and Low Priority, WRR, 802.1P, DSCP, Supports priority according to protocol
Network Management	Web (HTTP and HTTPS Protocols), SNMP V1/V2C/V3
PoE Management	PoE Setting (real-time port consumption)
	PoE Event Statistics
	Green PoE