

4-port PoE Gigabit Ethernet Switch

Layer 2 Unmanaged PoE, PoE+, and Hi-PoE Switch



Product Overview

The 4-port managed desktop switch is a Layer 2 commercial switch with full gigabit access. The switch provides four (4) 10/100/1000 Mbps Ethernet ports and two (2) 10/100/1000 Mbps uplink ports. The device offers a high-performance switching engine, a large buffer, low transmission delay, and high reliability.

- Layer 2 Commercial Switch
- Supports IEEE802.3, IEEE802.3u, IEEE802.3ab, and IEEE802.3x Standards
- MAC Auto Study and Aging
- 2K MAC Address List Capacity
- MDI/MDIX Self-adaptation
- Supports PoE (IEEE802.3af), PoE+ (IEEE802.3at), and Hi-PoE Standards
- Desktop or Wall-mount Installation

Intelligent PoE

The switch features Intelligent PoE power consumption management to help keep the power and the data flowing, even when the switch experiences a power fault. Intelligent PoE monitors the power consumption of the connected devices, and in the event of large power fluctuations the switch shuts down one port at a time rather than shutting down all ports. Unlike typical switches that shut down all ports as once, this switch shuts down the highest number port first, then the next highest number until the switch detects the power consumption is below the PoE budget. For example, if the switch has eight PoE ports and each port is connected to a network camera, the switch disables port number 8 first, then subsequent ports until the power budget is below the threshold wattage.

Technical Specification

Ethernet Ports	Ports 1 through 4: 10/100/1000 (PoE), RJ45 Ports 5 and 6: 10/100/1000 (Uplink), RJ45
PoE Power Consumption	Port 1: ≤ 60 W (Hi-PoE) Ports 2, 3, 4: ≤ 30 W Total Power Consumption: ≤ 60 W
PoE Protocol	PoE (IEEE802.3af), PoE+ (IEEE802.3at), Hi-PoE
Standards Compliance	IEEE802.3, IEEE802.3u, IEEE802.3x
PoE PIN Assignment	PoE/Hi-PoE: 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Switching Capacity	14 Gbps
Packet Forwarding Rate	8.928 Mpps
Packet Buffer Memory	1 Mbs
MAC Table Size	2K
Flow Control	Enabled (by default)
Power Input	53 VDC, with external power adapter
Power Consumption, static	0.96 W
Operating Temperature	-10° C to 55° C (14° F to 131° F)
Operating Humidity	5% to 95%, Relative
Surge Protection	Common Mode: 2 KV Differential Mode: 1 KV
ESD	Air Discharge: 8kV Contact Discharge: 6kV
Dimensions (W x D x H)	130.0 mm x 85.0 mm x 26.0 mm (5.12 in. x 3.35 in. x 1.02 in.)
Weight	0.30 kg (0.66 lb)

Certifications

Safety	EN 62368-1:2014 + A11:2017
Electromagnetic Compatibility (EMC)	CFR 47 FCC Part 15 subpart B EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN55035:2017, EN50130-4:2011+A1:2014

Dimensions

