

2*10G SFP+ slots +8*10/100/1000Base-T

Enhanced Function Unmanaged PoE Switch

20109423

Overview

20109423 enhanced series is the Gigabit PoE switch developed to, featuring 8 Gigabit PoE ports and 2*10G SFP+ port, providing 10G uplink **capability** and non-blocking wire-speed performance for various applications that need long-distance big data transmission. The key function is the enhanced version can make the package of V ports(1-2) transmission on priority when network blocking and make the power supply of V ports(1-2) on priority if overloaded, they also support port isolation, remotely restart the PD function can restart the PD equipments automatically when frozen and it supports 250m long distance transmission based on 10Mbps.

20109423 enhanced series can act as a high-performance edge device for FTTX solutions. Providing 56Gbps internal switching capacity and 10kbytes jumbo frame ability, the 20109423 enhanced series can handle extremely large amounts of data in a secure topology linking to a metro switch, backbone or high-capacity server.

20109423 enhanced series supports 8 *10/100/1000BASE-T ports featuring Max 30-watt PoE+ and 2* 10Gigabit SFP + ports. With a total power budget of up to 125 watts for different kinds of PoE applications and provide a quick, safe and cost-effective PoE+ network solution for small businesses and enterprises

Picture



Features:

- 2*10GBase-X uplink, 8*10/100/1000Base-T RJ45 PoE downlink
- Store-and-Forward mode with wire-speed filtering and forwarding rates, Non-blocking architecture and large buffer(2Mbits) to decrease the packet loss
- Enhanced function with Dip switch: Make the package of V ports(1-2) transmission on priority when network blocking and make the power supply of V ports(1-2) on priority if overloaded, they also support port isolation, remotely restart the PD automatically function and support 250m long distance based on 10Mbps;
- Standard and Smart PoE chipset, detecting the PoE and Non-PoE equipments automatically, not burn the Non-PoE equipments and support short-circuit protection
- Complies with IEEE802.3af and IEEE802.3at PoE standard, Single port can support PoE+ 30W
- Support power load management: the Pmax indicator will be alarm if the full load exceed the 90% of the rated total power budget
- Built-in slow start circuit to avoid sparks when connecting the power supply
- Support network storm suppression
- Supports 10Kbytes Jumbo frame
- Support port mirroring
- Support star and bus network topology
- Support 4KV surge protection: There are 34pcs anti-lightning components of every PoE module
- Desktop and wall-mount easy installation

Technical specification

Model		20109423
Ports	Fixed ports	2*10G SFP+ slots, 8*10/100/1000M RJ45 PoE ports
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Operation mode	Store and forward
	Ethernet protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z
Layer 2 switching	MAC address table	16K
	Switching capacity	56G
	Packets forwarding rate	41.67Mpps
	Buffer	2Mbits
	Polarity reversal	Support
	Jumbo frame	Support 10Kbytes
	Port mirroring	Support
PoE	PoE ports	1-8
	PoE standard	IEEE802.3af, IEEE802.3at
	PoE Endspan	1/2(+) 3/6(-)
	Non-standard PD	Support
	Single port Max power output consumption	30W
	Total power consumption	≤120W
Network topology	Star topology	Support
	Bus topology	Support
Dip switch function	1: V ports (1~2)	Make the package of V ports(1-2) transmission on priority when network blocking Make the power supply of V ports on priority (1-2) if overloaded
	2: Port isolation	Port isolation
	3: RPR	Remotely restart the PD function. It can restart the PD equipments automatically when it is frozen
	4: LDS	250m based on 10Mbps
Protection	Ethernet ports surge protection	IEC 61000-4-5 Level 4 (4KV) (10/700us)
General	Weight	Net weight 0.6kg
	Dimension	152*115*44mm
	Operation temperature	0°C~+50°C
	Storage temperature	-40°C~+70°C
	Operation humidity	10%~90%RH (non-condensing)

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Storage humidity	5%~95%RH (non-condensing)
Heat dissipation	Fan-less, natural cooling
Input voltage	DC52V
Total power consumption	PoE overload≤120 W

Order information

Model	Description
20109423	Unmanaged PoE switch with 2*10G SFP+ slots +8*10/100/1000 RJ45 PoE ports , DC52V, total power consumption 120W, enhanced function with Dip switch