

8*10/100Base-TX PoE downlink, 1 or 2*Gigabit SFP/RJ45 uplink

Enhanced Function Unmanaged PoE Switches Max 800m Long Distance Series

LT-S8010XFP-2GX8TX: 2*1G SFP + 8*10/100Base-TX PoE

LT-S8010XFP-2GT8TX-: 2*10/100/1000Base-T + 8*10/100Base-TX PoE

LT-S8010XFP-1GT1GX8TX: 1*10/100/1000Base-T+1*1G SFP+ 8*10/100Base-TX PoE

Overview:

SmartByte Fast Ethernet PoE Switch LT-S8010XFP enhanced series provide business and home users with a cost-effective integrated system of small-office / home-office networking and video surveillance. They are with flexible desktop design for easily installation. LT-S8010XFP enhanced series support standard auto-MDI/MDI-X , which can detect the type of connection to any Ethernet device without requiring special straight-through or crossover cables. 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, PD remotely restart function which can restart the PD equipments automatically when frozen. If they are used together with relative PoE extender, the Max transmission distance can reach 500m based on 100Mbps and 800m based on 10Mbps. The LT-S8010XFP enhanced series have a total PoE budget of **120 watts**, which is an ideal solution to meeting the demand for sufficient PoE power for network applications.

Picture



Features:

- 1 or 2 *Gigabit SFP/RJ45 uplink, 8*10/100Base-TX RJ45 PoE downlink
- Store-and-Forward mode with wire-speed filtering and forwarding rates, Non-blocking architecture
- 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 500m long transmission distance based on 100Mbps, 800m long transmission distance based on 10Mbps when they are used together with relative PoE extender
- 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
- 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		LT-S8010XFP-2GX8TX	LT-S8010XFP-2GT8TX	LT-S8010XFP-1GX1GT8TX
Ports	Fixed ports	2*1G SFP slots uplink , 8*10/100M RJ45 PoE ports downlink	2*10/100/1000M RJ45 ports uplink, 8*10/100M RJ45 PoE ports downlink	1*1G SFP port + 1*10/100/1000M RJ45 uplink , 8*10/100M RJ45 PoE ports downlink
	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	2K
	Switching capacity	5.6G
	Packets forwarding rate	4.166Mpps
	Buffer	2Kbits
	Polarity reversal	Support
	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	30W
	Total power output consumption	≤125W
Network topology	Star topology	Support
	Bus topology	Support
Dip switch	1: V ports (1~2)	Making the packets of V ports(1-2) transmission on priority when network blocking Making the power supply of V ports(1-2) on priority if overloaded
	2: Port isolation	Port isolation
	3: RPR	Remotely restart the PD function making restart the PD equipments automatically when frozen
	4: LDS (1 port)	Off: 500m (100Mbps) , used together with the PoE extender On: 800m (10Mbps), used together with the PoE extender
Protection	Ethernet ports surge protection	IEC 61000-4-5 Level 4 (4KV) (10/700us)
General	Weight	Net weight 0.5kg
	Dimension	205*88*28mm
	Operation temperature	0°C~+50°C
	Storage temperature	-40°C~+70°C
	Operation humidity	10%~90%RH (non-condensing)

Storage humidity	5%~95%RH (non-condensing)
Heat dissipation	Fan-less, natural cooling
Input voltage	DC52V
Total power consumption	PoE overload≤125W

Order information

Model	Description
LT-S8010XFP-2GX8TX	Unmanaged PoE switch with 2*1G SFP slots + 8*10/100M RJ45 PoE ports, DC52V, total power consumption 125W, enhanced function with Dip switch
LT-S8010XFP-2GT8TX	Unmanaged PoE switch with 2*10/100/1000M RJ45 uplink ports + 8*10/100M RJ45 PoE ports, DC52V, total power consumption 125W, enhanced function with Dip switch
LT-S8010XFP-1GT1GX8TX	Unmanaged PoE switch with 1*1G SFP port and 1*10/100/1000M RJ45 uplink, 8*10/100M RJ45 PoE ports downlink, DC52V, total power consumption 125W, enhanced function with Dip switch