

2 *2.5G Base-X SFP + 4 *10/100/1000Base-T PoE Ports Managed Industrial PoE Switch LT-IS6206XGP-2GQ4GT

Overview:

SmartByte's LT-IS6206XGP-2GQ4GT is a 2*2.5GBase-X SFP ports + 4*10/100/1000Base-T RJ45 PoE ports managed industrial PoE switch. It complies with IEEE802.3af, IEEE802.3at standard PoE protocol, the Max power consumption can reach 30W (PoE+) per port, which is ideal choice for surveillance, wireless and VoIP networks. Through the fan-less cooling design, wide range working environment temperature -40°C ~ +75°C, high protection level and industry quality, it is one of the most reliable choice for easy managed Fiber Ethernet application under harsh environment. Meanwhile, it supports the public Ethernet multi ring protection technology (ERPS), which can protect your mission-critical applications from network interruptions or temporary malfunctions with its fast recovery technology. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Picture





Features:

- 2*2.5GBase-X SFP ports uplink, 4*10/100/1000Base-T RJ45 PoE ports downlink
- DC48~58V wide input, redundant power with polarity reverse protect function
- Complies with IEEE802.3af and IEEE802.3at PoE standard protocol, Max consumption per port can reach 30W (PoE+)
- IP40 industrial case protection level and fan-less design
- Industrial Marvell chipset to make sure the high performance and quality
- Layer 2 features: Support flow control, 10K bytes Jumbo frame, VLAN; ERPS, STP/RSTP/MSTP;
 Link aggregation, IGMP snooping, port mirroring, storm control, QINQ, 802.1X, port isolation,
 RMON, NTP client, DHCP snooping/client, Ping/Tracert test, Dying gasp, ACL, QoS, PoE
 management and SFP DDM function
- Management and maintenance: IPv4 and IPv6 dual stack management; Support Web, SNMP,
 CLI, Telnet/SSH management method; Support user management, system log, configuration
 upload/download through web interface, firmware upgrade via HTTP/TFTP
- Support watchdog function, which can make the equipment work again if it is frozen
- Support ring, star, bus, tree and hybrid network topology
- Support 6KV surge protection and ESD: Air-15kV, Contact-8kV protection
- Support Din-rail installation
- Operation temperature: -40°C~+75°C
- 5 years warranty



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Technical Specification

Ports Interface	
	2*2 FC Doco V CFD clote : 4*40/400/4000 Doco T
Fixed port	2*2.5G Base-X SFP slots + 4*10/100/1000 Base-T RJ45 ports
Managament Part	·
Management Port	Support console port
Power interface	Phoenix terminal, dual power input
LED indicators	PWR, Link/ACT LED
Cable Type & Transmission Distance	
	0.100m (CATE o CATE)
Twisted-pair SFP slots	0-100m (CAT5e,CAT6)
SFP SIOLS	Depending on the SFP module
Notwork Topology	
Network Topology	.1
Ring topology	√ √
Star topology	<u> </u>
Bus topology	√
Tree Topology	√
Hybrid topology	V
Electrical Specifications	DC400;F0\/\D-F\
Input voltage	DC48~58V(PoE)
Total Power consumption	< 130W(PoE), depending on the power supply
PoE Support	
PoE port	1-4
PoE Protocol	IEEE802.3af & IEEE802.3at
Pin Assignment	1/2(+) 3/6(-)
PoE Management	V
Layer 2 Switching	
Switching capacity	36G
Packet forwarding rate	26.78Mpps
MAC address table	16K
VLAN	Support 4K
Buffer	12M
Forwarding delay	<10us
MDX/MIDX	٧
Flow control	V
Jumbo Frame	Support 10Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	V
Storm Control	√ √
Interface Counters	√ √
QINQ	√ √
802.1X	√ √
002.17	V



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	√	MAC Authentication Port Isolation RMON
	√ √	RMON
	V	
		NITO CI: +
	√	NTP Client
		DHCP CLIENT
	V	DHCP snooping
	V	Ping/tracert test
	V	Dying gasp
	\ √	DDM
		Convergence
	Support ACL 500	
	Support IP standard ACL	ACL
	Support MAC expand ACL	
	Support IP expand ACL	
ng	Support QoS re-marking, priority ma	
	Support SP, WRR queue scheduling	QoS
e-limit		
	Support Policy-based QoS	
		Management
	•	
		•
	<u> </u>	
		•
	V	Upgrade Firmware
		Environment
	-40°C~+75°C	
nneratures		operating temperature
iperatures		
		Storage temperature
	`	
	1	
		Mechanical Specification
	48X104X143mm	Dimension
	Net weight 0.58KG	Weight
		Protection & Certification
	IP40	Case protection level
	11 40	
/20us)	IEC 61000-4-5 Level X (6KV/6KV)	Surge protection of Power
/20us) D/700us)		Surge protection of Power Surge protection of Ethernet port
	DIN-rail Net weight 0.58KG	Management CLI Console Management IP Telnet/SSH WEB management SNMP User Management System Log Configuration File Download/Upload Upgrade Firmware Environment Operating temperature Relative humidity Thermal methods MTBF Mechanical Specification Dimension Installation method Weight Protection & Certification

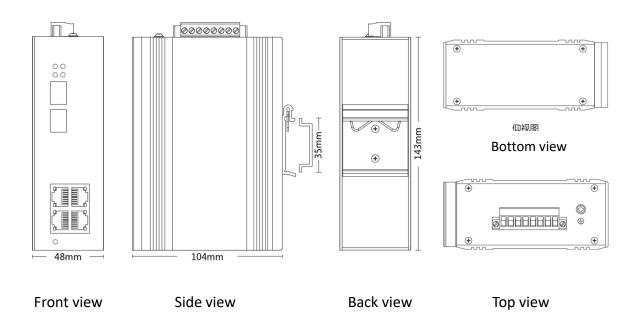
SmartByte

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EFI	IEC 61000-4-4 Level 3 (1V/2V)
CS	IEC 61000-4-6 Level 3 (10V/m)
PFMF	IEC 61000-4-8 Level 4 (30A/m)
DIP	IEC 61000-4-11Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Certification	CE/FCC/RoHS/CCC
Warranty	5 years

Appearance diagram



Order information

Model	Description
LT-IS6206XGP-2GQ4GT	10/100/1000Base-T to 2.5GBase-X managed industrial POE switch, 2*1000M 2.5G slots + 4*10/100/1000M RJ45 PoE ports, complies with IEEE802.3af & IEEE802.3at standard PoE protocol, DC48-58V, Phoenix terminal, redundant dual power supply, Din-rail installation. Transmission distance depending on the SFP module; Operation temperature: -40 $^{\circ}$ C $^{\circ}$ +75 $^{\circ}$ C