

ELOS-F5-1GX8GP

MAIN FEATURES



8*10/100/1000M PoE/PoE+
1*1000M SFP/SC/FC/ST/LC
Industrial Unmanaged PoE Switches

Input Voltage: 12-58 VDC; PoE 48-58 VDC

Operating Temperature: -30°C ~ +75°C

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hours

PRODUCT DESCRIPTION

This device is a Gigabit Industrial Ethernet Switches with PoE. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection and enhances the reliability and safety of industrial networks. The device can be widely applied to various broadband data transmission fields such as intelligent transportation, telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	1*1000 Base-X, 8*10/100/1000 Base - T
Power interface	Phoenix terminal, dual power input
LED Indicators	PWR, mainboard light port, NMC, expansion board light port
DIP Switch	
1 LFP	Remote PD Reset
2 LGY	Standard / non standard PoE selection
3 VLAN	Port Isolation
4 RST	Reset
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550m
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid Topology	Support
DIP Switch	
1 LFP	Reserve
2 LGY	Standard/Non-standard mode
3 VLAN	Port Isolation
4 BSR	Reset
Electrical Specifications	
Input voltage	DC12-58V ; PoE DC 48-58V
Total Power consumption	Non-PoE <5W, PoE <125W
PoE Model	Support standard / non-standard PoE
PoE Support	
PoE port	1-8
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
Layer 2 Switching	
Switching capacity	20G
Packet forwarding rate	14.88Mpps
MAC address table	16K
Buffer	2M
Forwarding delay	<5us
MDX/MIDX	Support
Jumbo frame	10K Bytes

Environment	
Operating temperature	-30°C~ +75°C
Storage temperature	-30°C~ +75°C
Relative humidity	5%~95% (non-condensing)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product size	46*104*143mm (W×H×D)
Installation Method	DIN-rail
Weight	0.55KG
EMC & Ingress Protection	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Authentication	
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate Adapter(optional)
Optional Model	
ELOS-F5-1GX8GT	1*1000 SFP, 8*10/100/1000 RJ45
ELOS-F5-1GX8GT-SC	1*1000 SC, 8*10/100/1000 RJ45
ELOS-F5-1GX8GT-FC	1*1000 FC, 8*10/100/1000 RJ45
ELOS-F5-1GX8GT-ST	1*1000 ST, 8*10/100/1000 RJ45

SIZE AND APPEARANCE

