

SMART ETHERNET BOX

8GE+2GF Unmanaged Outdoor Industrial PoE Switch Box

Model SBOX1802SFG-I



IP65 unmanaged outdoor industrial PoE switch box with 8 Gigabit PoE ports, 2 Gigabit SFP slots, smart DIP functions, and a 300W power supply.

Features

- 8GE+2GF Unmanaged Outdoor Industrial PoE Switch Box
- Input voltage: AC100-240V, 50/60Hz
- IP65 ingress protection
- Include 300W power supply
- DIP switch supports AI Watchdog, port isolation, VLAN, and port priority + QoS
- Surge Proof: (8KV/6KV) ; ESD:(8K/15K)
- -40°C ~ 75°C working temperature

Specification

Interfaces

Model	SBOX1802SFG-I
Interface	8*10/100/1000Base-T PoE ports (Data/Power) 2*100/1000Base-X uplink SFP fiber slot port (Data)
Ethernet Port	Port 1-8 support 10/100/1000Base-TX, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
DIP Switch	AI Watchdog, Port isolation, VLAN, Port Priority +QOS

PoE

PoE Standard	IEEE802.3af/at
PoE Output	Ports 1-8 support IEEE 802.3af/at; 15.4W standard output and up to 30W per port
SFP Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Power Adaptor	300 W

Physical Characteristics

LED Indicators	PWR , OPT, NMC , ALM
Power Interface	AC Input
Optical Cable	Multimode: 850nm 0 ~ 550M, single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
Network Topology	Support Star topology, Bus topology, Tree Topology, Hybrid topology
Input voltage	AC100-240V, 50/60Hz
Total Power consumption (POE)	< 246 W
Voltage Alarm	Support

Layer 2 Switching

Switching capacity	26 G
Packet forwarding rate	19.34 Mpps
MAC address table	16 K
Buffer	2 M
Forwarding delay	< 5 us
MDX/MIDX	Support
Jumbo Frame	Support 10K Bytes
WatchDog	Support
Port Isolation	Support

Environment

Operating temperature	-40°C~+75°C The device is tested for 4 hours at temperatures in 85°C
-----------------------	---

Storage temperature	-40°C~+85°C
Relative humidity	5%~95% non-condensing
Thermal methods	Auto Fans Cooling
MTBF	100,000 hours

Cabinet Description

Product size	450 × 500 × 284 mm
Cooling fan	220V automatic cooling fan, 3000 RPM ±10%, 92 × 92 × 25 mm
Miniature circuit breaker	230/400VAC, 6-63A, 50Hz, -35°C to +75°C, IP40
Installation Method	Wall Mounting/Pole Mounting

EMC & Ingress Protection

IP Level	IP65
Surge protection of Power	IEC 61000-4-5 Level X (8KV/6KV)
Surge protection of Ethernet port	IEC 61000-4-5 Level X (8KV/6KV)
RS	IEC 61000-4-3 Level 3 (10V/m)
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 61000-4-11 Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)



Contact us

Maxsol South Africa

Website

<https://maxsol-tech.co.za>

Phone

+86 19849790018

Email

sales@maxsol-tech.com

Service area

South Africa

Address

5/F, Bangshen Lixinhu Technology Industrial Park, No. 132 Dayang Road, Fuhai Subdistrict, Bao'an District, Shenzhen, China

Facebook

LinkedIn

WhatsApp