

Full Gigabit Outdoor Industrial PoE Switch Box

Model: SBOX2802SFG-I



Product Introduction

The SBOX2802SFG-I is an Outdoor Industrial PoE Switch Box with 8*10/100/1000Mbps PoE Port and 2*1000Mbps SFP Slot, can work well at harsh environment from -40° to 75° . Featured with high protection and lightning protection level, it can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Himax PoE switch with Smart DIP Switch to offer WatchDog, Vlan Isolation, Port Isolation as well as Port Priority+QoS!

Features

- ◎ 8*10/100/1000M PoE ports+2*100/1000M SFP port Industrial PoE Switch, port 1-8 support IEEE 802.3af/at;
- ◎ PoE port1~port8 support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power is 30W/port;
- ◎ Support AI Watchdog, Port isolation, VLAN, VIP Power Supply +QoS
- ◎ Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standards;
- ◎ Pin Assignment 1,2,3,6
- ◎ Operation TEMP: $-40\sim 75^{\circ}$ C
- ◎ Input voltage: AC100-240V, 50/60Hz
- ◎ P protection level: IP55;
- ◎ 5 years warranty.

Specification

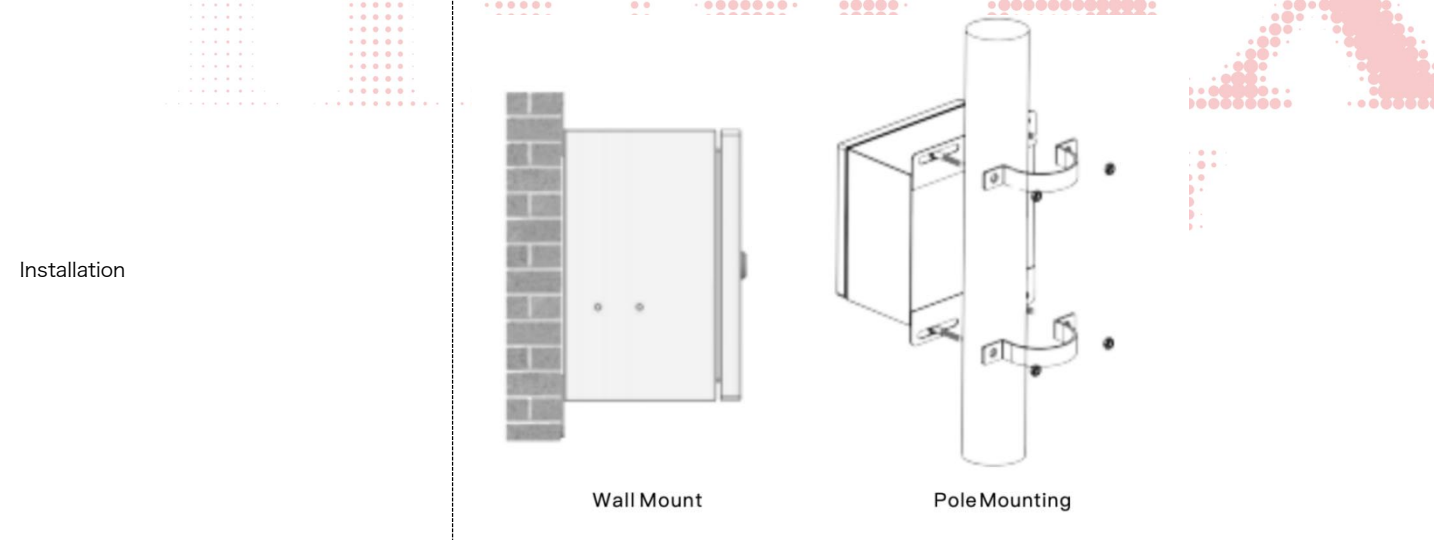
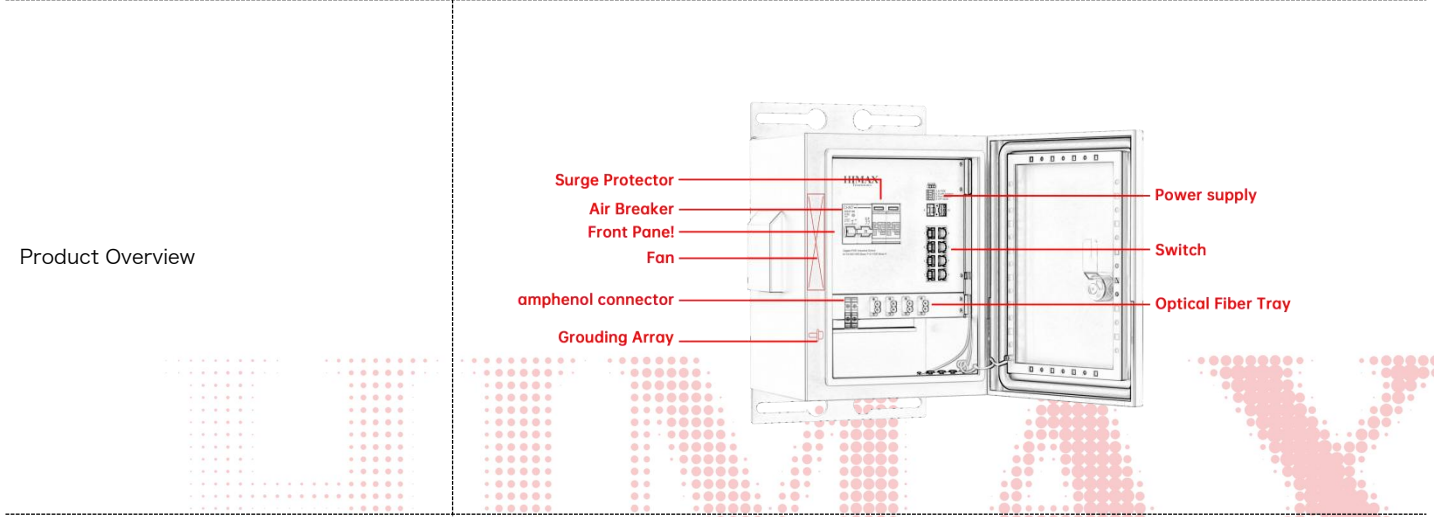
Model		SBOX2802SFG-I
Interfaces		
Interface	8*10/100/1000Base-T PoE ports (Data/Power) 2*100/1000Base-X uplink SFP fiber slot port (Data)	
Ethernet Port	Port 1-8 support 10/100/1000Base-TX, auto-sensing, Full/half duplex MDI/MDI-X self-adaption	
DIP Switch	AI Watchdog, Port isolation, VLAN, Port Priority +QOS	
PoE		
PoE Standard	IEEE802.3af/at	
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	
Switching capacity	20 G	
Packet forwarding rate	14.88 Mpps	
MAC address table	8 K	
Buffer	4.1 M	
Forwarding delay	<10 us	
MDX/MIDX	Support	
Jumbo Frame	Support 10K Bytes	
Network Topology	Ring topology	Support
	Star topology	Support
	Bus topology	Support
	Tree Topology	Support
	Hybrid topology	Support
User Management	User Management	Support
	System Log	Support
	Upgrade Firmware	Support

Layer 2/3 Switching

Configuration File Download/Upload	Support
SNMP	Support
WEB Managed	Support
CLI	Support
Telnet/SSH	Support
RMON	Support
Surveillance VLAN	Support
MAC VLAN	Support
Etherchannle/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo frame	Support
DHCP Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
IPV4	Support
IPV6	Support
ARP	Support
Loop back Interface	Support
DHCP Server	Support

Layer 2/3 Switching

	DNS Server	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
Environment	Relative humidity	5%-95% non-condensing
	Thermal methods	Auto Fans Cooling
	MTBF	100,000 hours
Product size	220X230X387mm	
Installation Method	Wall Mounting/Pole Mounting	
IP Level	IP55	



HIMAX



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