

LBT48GSP-M-SFP

8-port 10//100/1000BASE-TX+4G SFP Managed Industrial PoE

Switch



Slim Type with more Practicability and Convenience

LBT48GSP-M-SFP is a hardened 12-port Industrial PoE Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 8-port 10/100BASE-TX RJ45 PoE +4G SFP delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40° C to 80° C.

The LBT48GSP-M-SFP provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

The LBT48GSP-M-SFP is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 48V DC to 57V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Interface

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, supplying 30W PoE, compatible with 802.3af/at
- 4G SFP

Industrial conformance

- 48V to 57V DC, redundant power input
- -40°C to 80°C operating temperature
- IP40 metal case
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail design

L2 management

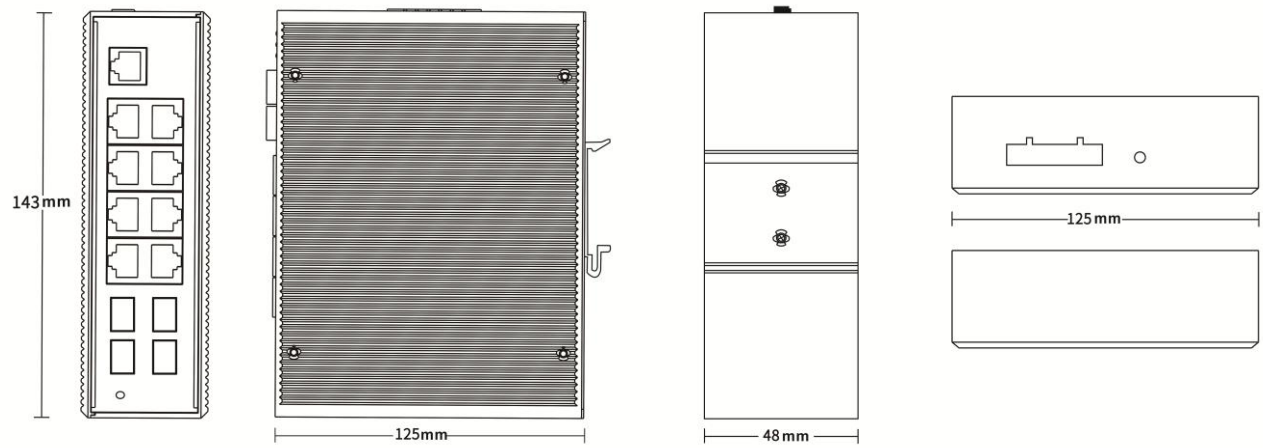
- Support STP/RSTP/MSTP/ERPS
- Web management, CLI
- IGMP snooping, QoS, VLAN
- SNMP v1/v2c/v3

Specifications:

Model No.	LBT48GSP-M-SFP
10/100/1000Base-TX Port	8-Port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports:1-8 port support PoE
	Power Output:
	Max. 15.4 watts (IEEE 802.3af)
	Max. 30 watts (IEEE 802.3at)
	PoE port Auto detect AF/AT devices
	Output Voltage: DC48V
	Power Pin Assignment:1/2+;3/6-
	Power Type: End-span(Mid-span optional)
1000Base-FX Port	4G SFP Slot
Performance Specification	Bandwidth: 56Gbps
	Packet Buffer Memory: 12Mbit
	Packet Forwarding Rate: 41.6Mpps
	MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	10240bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 slim type metal case
LED Indicator	Power: Red
	Fiber: Link 2(Green)
	Ethernet: Yellow
Power Input	48 to 57V DC redundant power
Power Consumption	< 10W
Protection	ESD (Ethernet): 6KV DC
	Surge (Power): 6KV DC
	IEEE802.3 10BASE-T;

Network Protocols	IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
Certification	CE RoHS compliance
MTBF	>300,000hours
Dimensions (W x D x H)	143×125×48mm
Weight	Product Weight: 1.25KG Packing Weight: 1.4KG
Working Environment	Working temperature: -40–80° C ; Storage temperature: -40–80° C Relative Humidity: 5%~95 %(no condensation)
Warranty	5-year warranty.

Dimensions



Ordering Information

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