

LBT48BGSP-MN-SFP

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



LBT48BGSP-MN-SFP is a hardened 12-port Industrial PoE Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 8-port 10/100/1000BASE-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 **LBT48BGSP-MN-SFP** provides the flexibility to all kinds of 10/100/1000Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

The **LBT48BGSP-MN-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.

Features

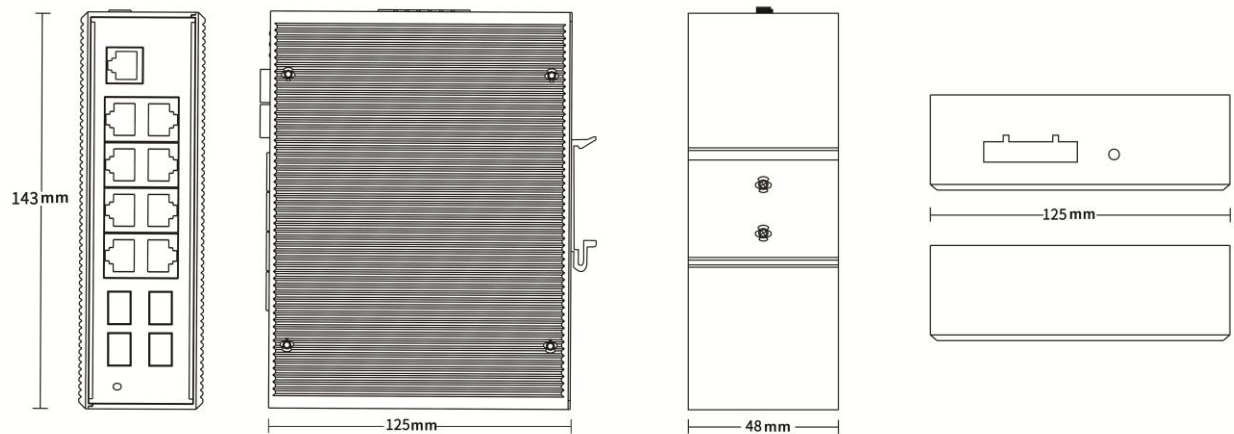
- Data control: support 802.3x full duplex flow control, support network storm suppression
- Redundant network: support STP/RSTP/MSTP, support ERPS (self-healing time <20ms)
- Support IPv6, static routing
- Support DHCP Server, DHCP replay, Qos, IGMP Snooping
- Support port-based VLAN Port, IEEE 802.1Q VLAN and GVRP protocol, simple network planning
- QoS: Support QoS (IEEE 802.1p/1Q) and TOS/ Diffserv to increase network stability
- Security management: support ACL access control list, support 802.1x, support user classification management
- Management function: support Web, SNMP management mode
- Monitoring maintenance: support port mirroring, interface status monitoring, log management
- Support 1588 clock protocol

Specifications:

Model No.	LBT48BGSP-MN-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 (switch capacity): 76Gbps Packet Buffer Memory: 16Mbit Packet Forwarding Rate: 56Mpps MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	9600bytes
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 Alluminum housing
LED Indicator	Power: Red Fiber: Link 2(Green) Ethernet: Yellow
Power Input	48 to 57V DC redundant power
Power Consumption	<10 watts

Surge protection	± 4KV
Network Protocols	IEEE802.3 10BASE-T; 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)
Standard	CE RoHS complying
MTBF	>300,000hours
Dimensions (W x D x H)	143x 125x 48 mm
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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