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OSBL3LM-04X08GP-UA-Z

IP55 Outdoor Box, with Managed Industrial Switch

4x10G Base-X, 8x10/100/1000 Base-T PoE

Overview

OSBL3LM-04X08GP-UA-Z Outdoor PoE Switch Box embedded with 4x10G Base-X, 8x10/100/1000Base-T Managed Industrial PoE Switch, it is miniature size with IP55 high protection level. The box provides excellent industrial quality with high/low temperature resistance and lightning protection, which enhances the reliability and safety of networks.

It can meet the deployment requirements of rail transit, safe city, intelligent transportation, video surveillance and other applications.

Features

- Integrated Managed Industrial PoE Switch, 4x10G Base-X, 8x10/100/1000Base-T
- Shell: IP55 Waterproof Case
- Cooling: Auto Fans Cooling

- Working Temp: -40°C~+75°C
- Box Internal Power: 300w (for PoE Switch)
- Optical Fiber Tray
- Surge Protector
- Air Breaker

Specifications

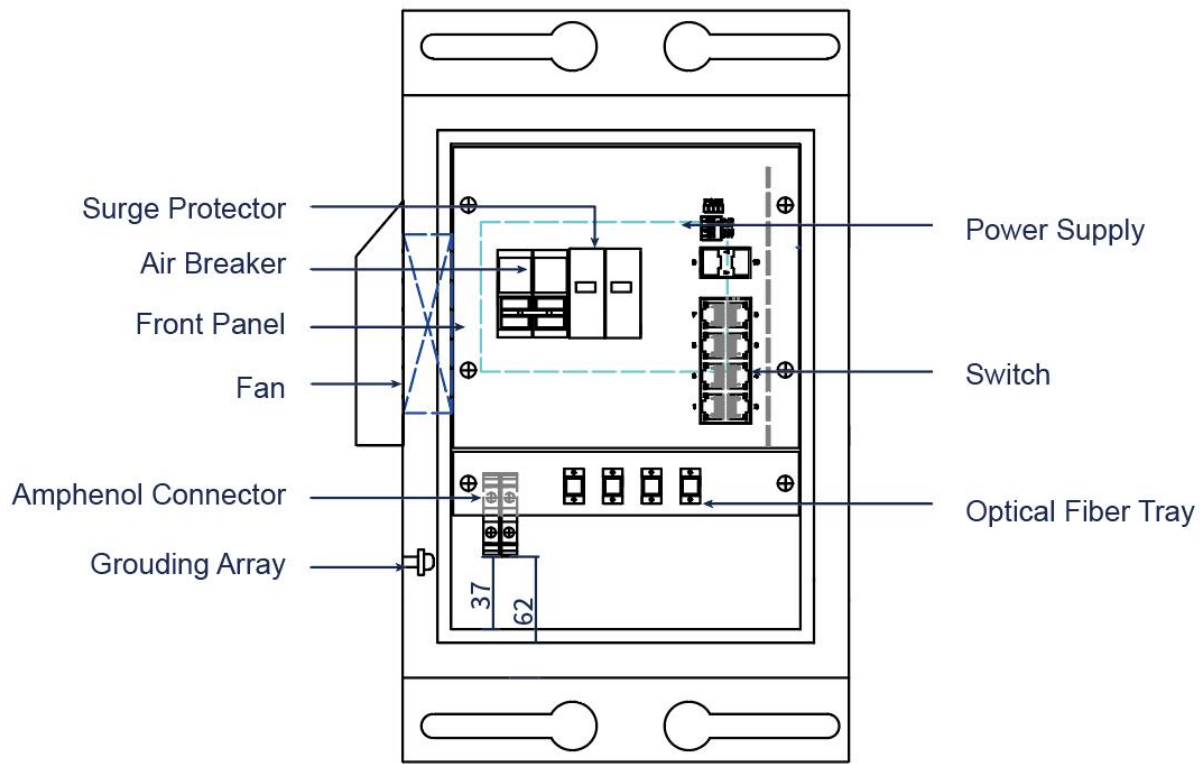| Cabinet	
Material	High-quality galvanized sheet, thickness 1.2mm Box mounting ears thickness 1.5mm
Weight	Net weight: 9.9KG, Gross weight: 10.8KG
Lock	Triangle lock
Door	The door has built-in waterproof rubber strips and built-in reinforcing ribs
Bottom Part	The diameter of the cable entry hole at the bottom of the box is 50mm, and there is air inlet hole at bottom of the box (Insert-proof net welded inside)
Fan	AC 220V with temperature control, 3000±10% RFM, air volume 90CFM, 92*92*25mm, line length 300mm
Optical Fiber	4-port SC fiber flange, with 8-core fiber box
Air Breaker	It has short-circuited protection, overload protection and isolation function and has thermal-magnetic tripping characteristics C-shaped curve(5ln-10ln)
Installation	Pole / Wall installation
Switch	
Fixed Port	4x1G/2.5G/10G Base-X SFP+, 8x10/100/1000 Base-T
LED Indicators	PWR, OPT, NMC, ALM
Power Interface	AC Input
Management Port	Support Console, Support USB
Cable Type & Transmission Distance	
Twisted-Pair	0-100m(CAT5e,CAT6）
Single-Mode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	550m
Electrical Specifications	

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Input Voltage	AC100~240V, 50/60Hz
Total Power Consumption	< 260w (with PoE)
Voltage Alarm	Support
PoE Support	
PoE Ports	1-8 Ports
Pin Assignment	1, 2, 3, 6
PoE Standard	802.3af, 802.3at (15w/30w)
PoE Management	Support
Layer 2 Switching	
Switching Capacity	160G
Packet Forwarding Rate	95.23Mpps
MAC Address Table	16K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	Support 10KBytes
Port Aggregation	Support GE port, 2.5GE, 10GE aggregation Support static and dynamic aggregation
Port Features	Support IEEE802.3x flow control, Port traffic statistics, port isolation Support network storm suppression based on port bandwidth percentage
VLAN	Support 4K
VLAN Classification	Mac Based VLAN IP Based VLAN Protocol Based VLAN
QinQ	Basic QinQ (Port-based QinQ) Flexible Q in Q(VLAN-based QinQ) QinQ(Flow-based QinQ)
Port Mirroring	Many to one (Port Mirroring)
Spanning Tree	Support STP, RSTP, MSTP
DHCP	DHCP Client DHCP Snooping
Multicast	IGMP snooping
Convergence	
ACL	Support ACL 500 Support IP standard ACL

	Support MAC expand ACL
	Support IP expand ACL
QOS	QoS Class, Remarking
	Support SP, WRR queue scheduling
	Ingress Port-based Rate-limit
	Egress Port-based Rate-limit
	Policy-based QoS

Management

LLDP	Support
User Management and Login Authentication	Support
SNMP	Support SNMPv1/v2c/v3
Telnet / SSH	Support
WEB Management	Support HTTP1.1, HTTPS
Syslog and Alarm Grading	Support
RMON	Support (Remote Monitoring) alarm, event and history record
NTP	Support
Temperature Monitoring	Support
Ping, Tracert	Support
Optical Transceiver DDM Function	Support
TFTP Client	Support
Telnet Server	Support
SSH Server	Support
IPv6 Management	Support
PoE management	Support
TFTP, WEB upgrading	Support

Environment

Operating Temperature	-40°C~+75°C
Storage Temperature	-40°C~+85°C
Relative Humidity	5%~95% non-condensing
Thermal Methods	Auto Fans Cooling
MTBF	100,000 hours

Mechanical Dimensions

Product Size (D x W x H)	245x240x340mm

Installation Method	Wall / Pole Mounting
EMC & Ingress Protection	
IP Level	IP55
Surge Protection of Power	IEC 61000-4-5 Level X (8KV/6KV）
Surge Protection of ETH 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）
Power Supply	
Power Supply	DC52V, 5.77A/300W
Certification	
Certificates	CE, FCC, RoHS

Installation Method   Wall / Pole Mounting

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Structure

Surge Protector
Air Breaker
Front Panel
Fan
Amphenol Connector
Grouding Array

Power Supply
Switch
Optical Fiber Tray

37
62

Front

Lock

340mm
427mm
43.5
240mm

340mm
245mm

Vent
Ø50mm
240mm

Ø25mm
60mm

Front   Side   Bottom   Rear
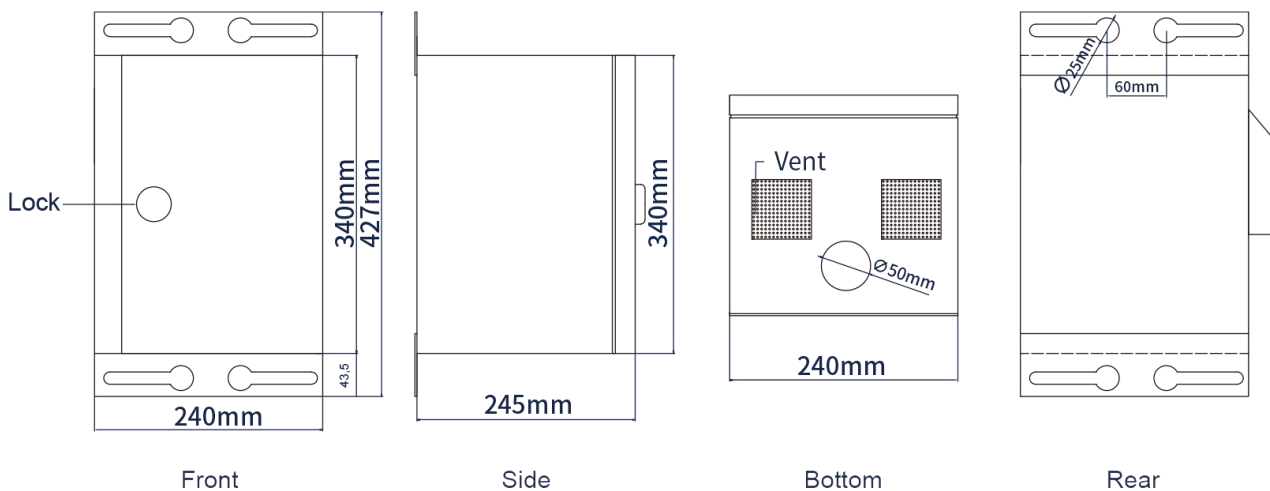
Installation
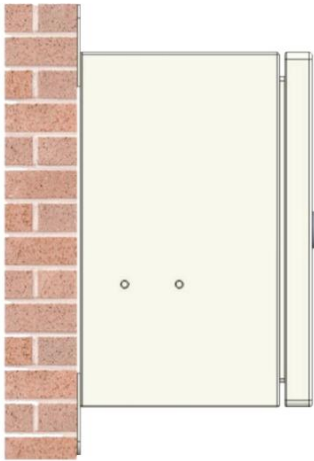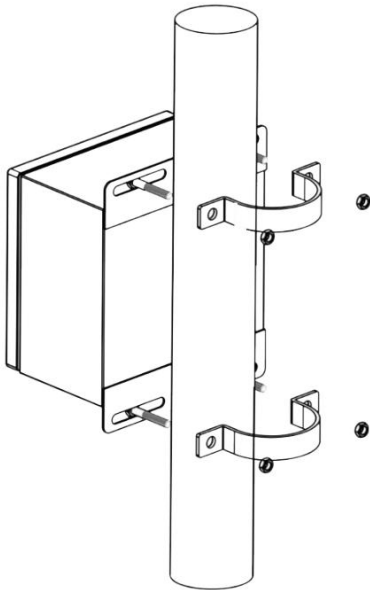
Wall Mount   Pole Mounting

Ordering Information

PART NO	DESCRIPTION
OSBL3LM-04X08GP-UA-Z	IP55 Outdoor Box, with 4x10G Base-X, 8x10/100/1000Base-T Managed PoE Switch

https://www.lanaotek.com

Specifications & design are subject to change without prior notice.

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