

# OSBL2M-02S08GP-Z

IP55 Outdoor Box, with Managed Industrial Switch

2x1000 Base-X, 8x10/100/1000 Base-T PoE



## Overview

OSBL2M-02S08GP-Z Outdoor PoE Switch Box embedded with 2x1000Base-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, 2x1000 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: 9.2KG, Gross weight: 10KG
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(5In-10In)
Installation	Pole / Wall installation
Switch	
Fixed Port	2x1000 Base-X, 8x10/100/1000 Base-T
LED Indicators	PWR, OPT, NMC, ALM
Power Interface	AC Input
Management Port	Support Console
Cable Type & Transmission Distance	
Twisted-Pair	0-100m(CAT5e,CAT6 )
Single-Mode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	550m

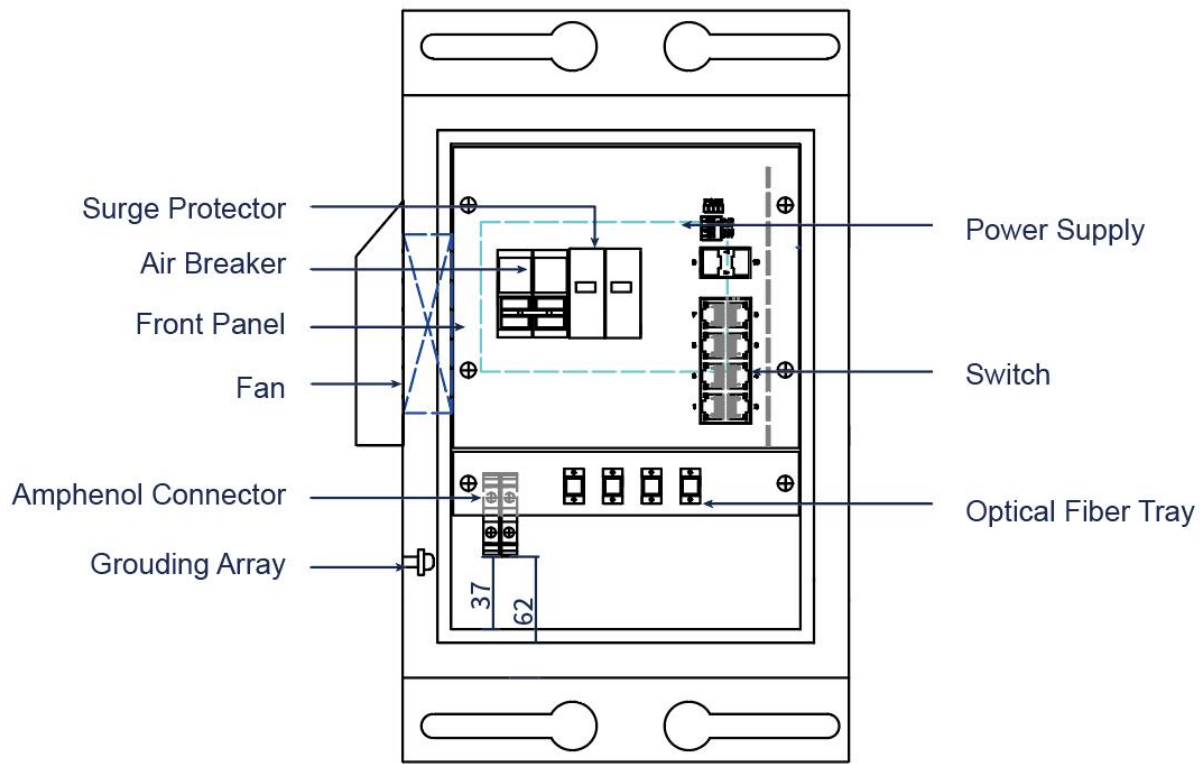
### Electrical Specifications

Input Voltage	AC100~240V, 50/60Hz
Total Power Consumption	< 246w (with PoE)
Voltage Alarm	Support
<b>PoE Support</b>	
PoE Ports	1-8 Ports
Pin Assignment	1, 2, 3, 6
PoE Standard	802.3af, 802.3at (15w/30w)
PoE Management	Support
<b>Layer 2 Switching</b>	
Switching Capacity	36G
Packet Forwarding Rate	26.78Mpps
MAC Address Table	16K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	Support 10KBytes
Port Aggregation	Support
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
Watch Dog	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
Rmon	Support

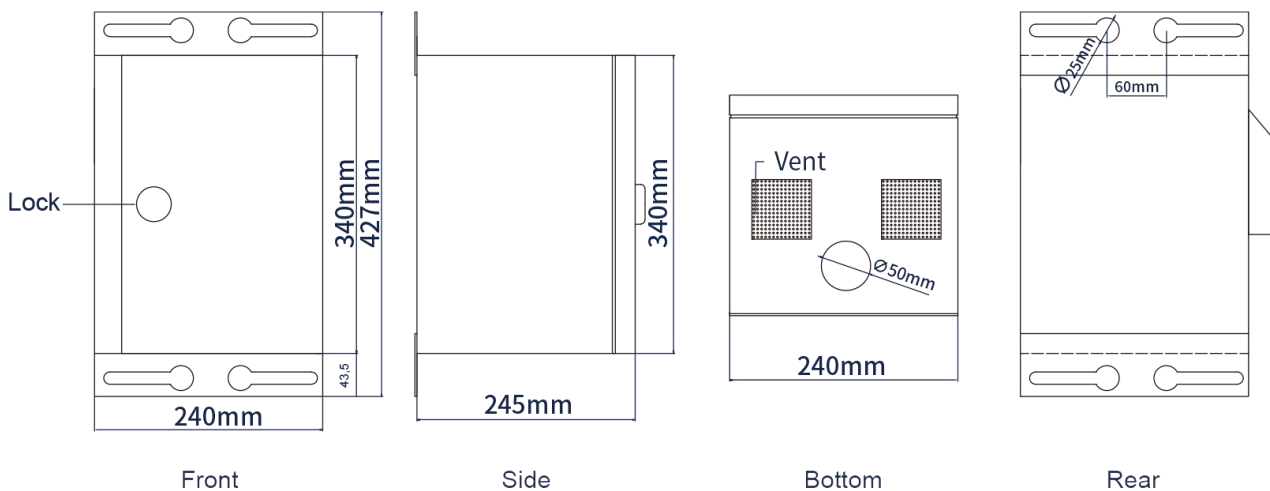
NTP Client	Support
DHCP Client	Support
DHCP Snooping	Support
DHCP CLIENT	Support
PING/TRACEROUT	Support
Dying Gasp	Support
<b>Convergence</b>	
ACL	Support ACL 500 Support IP standard ACL Support MAC expand ACL. Support IP expand ACL
QOS	Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support egress rate-limited, egress rate-limit Support Policy-based QoS
<b>Management</b>	
CLI	Support
Console	Support
Telnet / SSH	Support
WEB Management	Support
Management IP	Support IPv4/IPv6
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support
<b>Environment</b>	
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
<b>Mechanical Dimensions</b>	

Product Size (D x W x H)	245x240x340mm
Installation Method	Wall / Pole Mounting
<b>EMC &amp; Ingress Protection</b>	
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)
<b>Power Supply</b>	
Power Supply	DC52V, 5.77A/300W
<b>Certification</b>	
Certificates	CE, FCC, RoHS

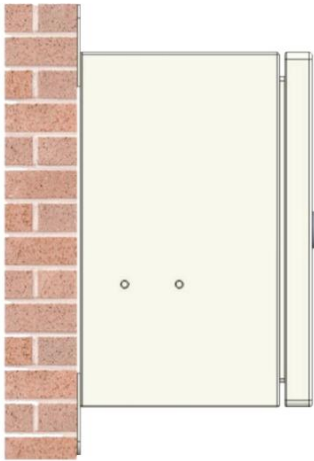
## Structure



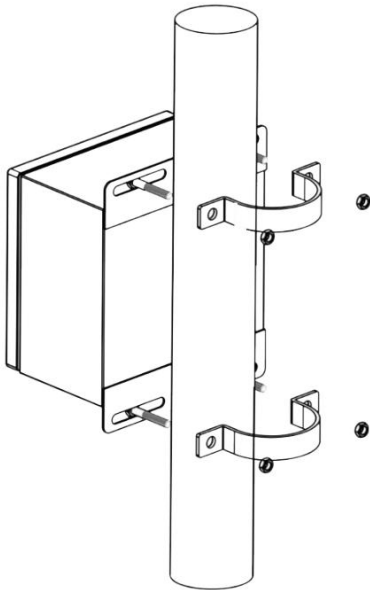
Front



Installation



Wall Mount



Pole Mounting

Ordering Information

PART NO	DESCRIPTION
OSBL2M-02S08GP-Z	IP55 Outdoor Box, with 2x1000 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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