

OS-100-250

Outdoor Surveillance system



OS-100-250 is an outdoor all-weather surveillance system, its uninterruptible power supply is designed to work in extreme weather conditions and ensure the operations of outdoor PoE devices such as PoE cameras, wireless AP. OS-100-250 cabinet is fabricated from stainless steel for strength, durability and corrosion resistance. It is finished with a durable white powder coat which gives an attractive appearance. With standard wall-mount and pole-mount kit, the installation for OS-100-250 is quick and easy.

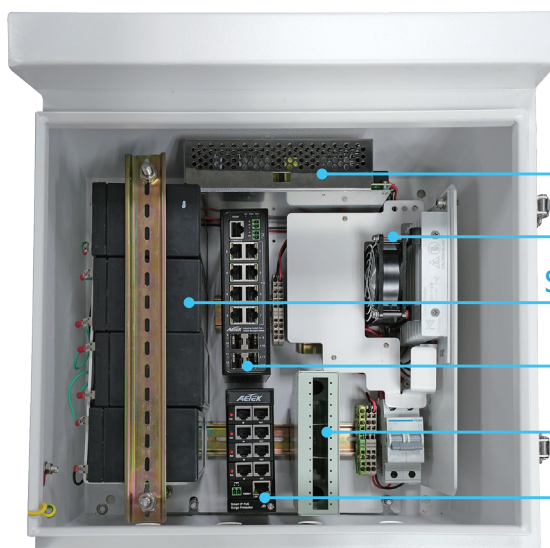
The basic mechanical and electrical equipment includes wall-mount kit, a mounting plate with DIN rails for industrial PoE switch installation or PoE surge protector installation, a two-pole circuit breaker, an earthing bus, a fan/heater with a thermostat, a set of cable glands, and an uninterruptible power supply system.

OS-100-250 power system provides the stable voltage to loads from the mains power while charging the battery as backup power source. In case of power outage, the OS-100-250 power system maintains the output fed from the battery. It is protected against overloads, short-circuit and deep discharge of the batteries.

Features

- Compact design
- Output 54VDC voltage for PoE device use
- Space for PoE switch / PoE Surge protector installation
- IP66 rated
- Include Thermal Switch control heater and blower
- Include fiber panel for fiber cable connection
- Battery protection for deep discharge and short circuit
- Space for 12V/7Ah Battery x 4PCS

Structure



Power Supply

Blower & Heater

Space for 12V/7Ah Battery x 4PCS

Industrial PoE Switch

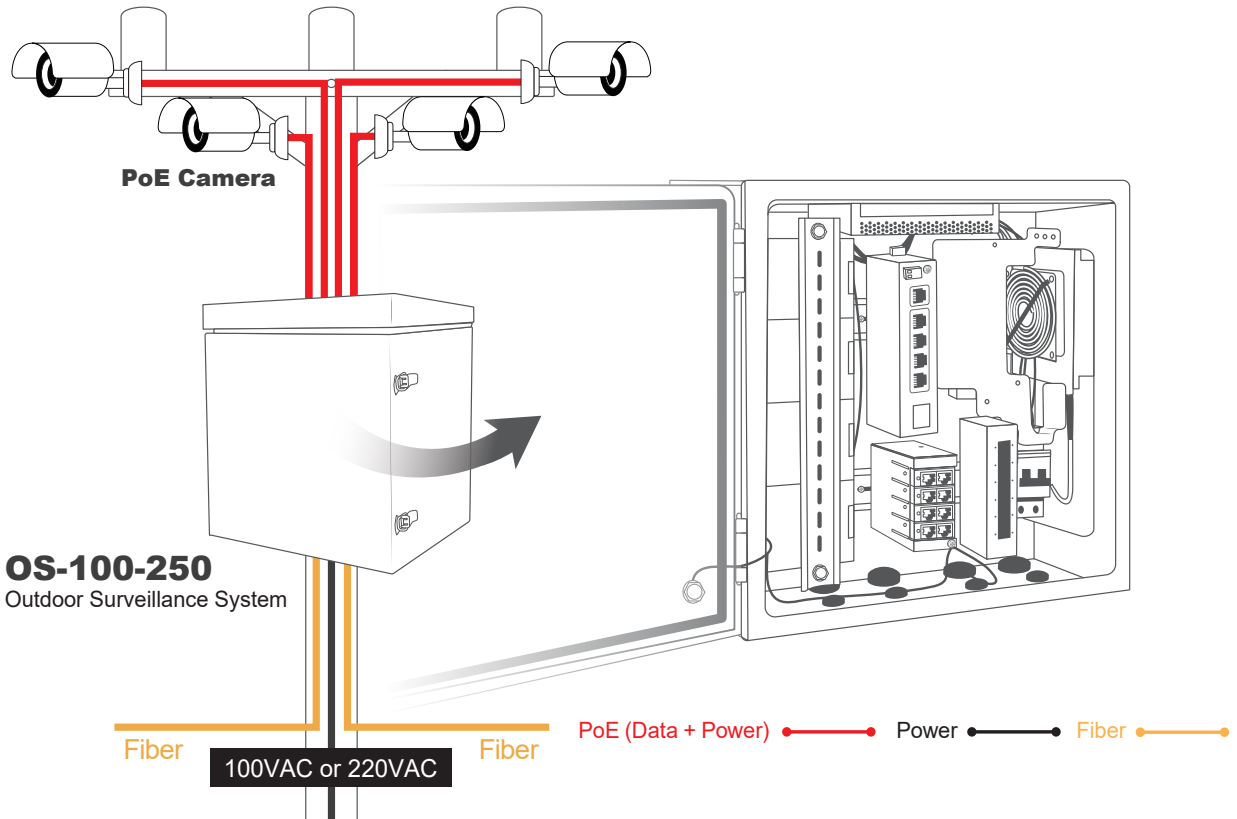
Fiber Panel

PoE Surge Protector

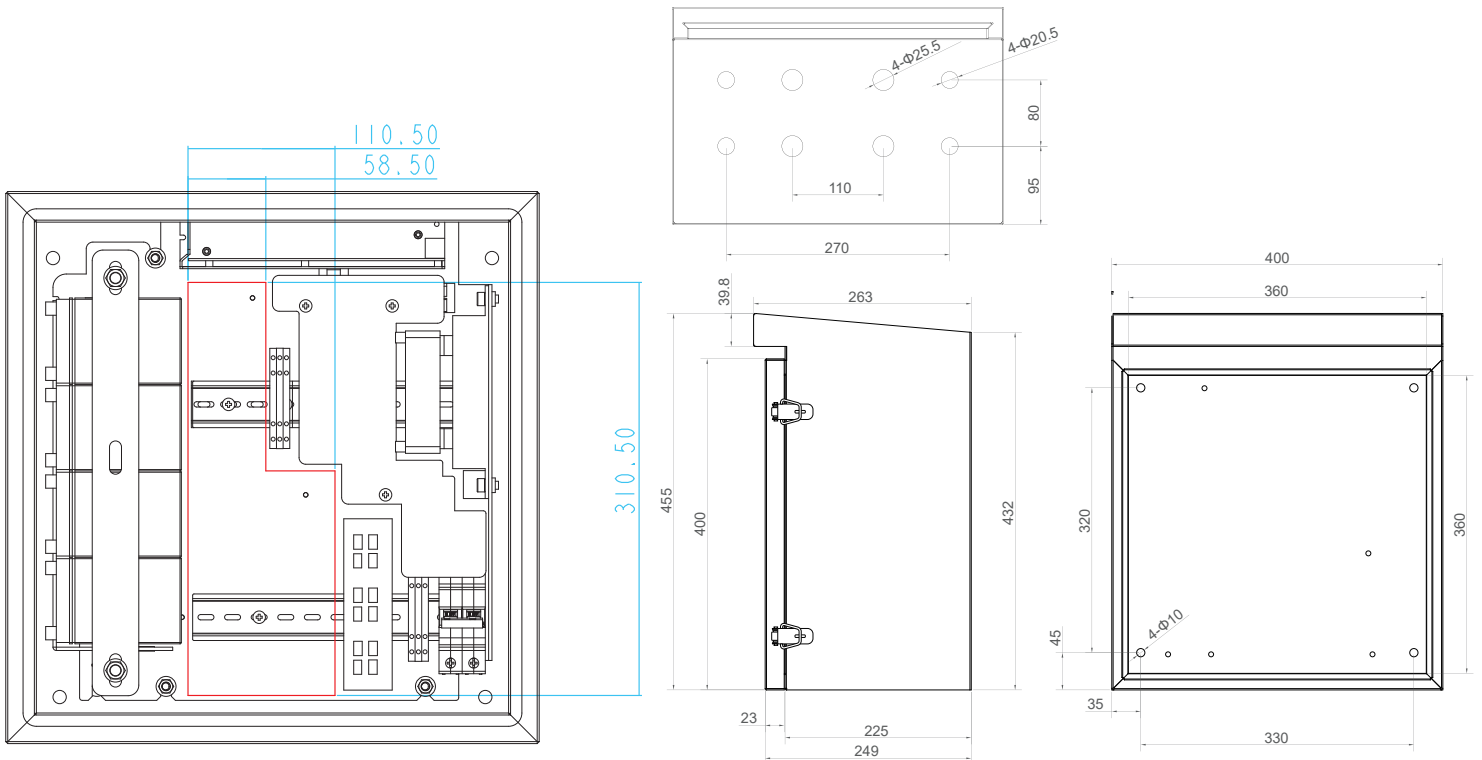
OS-100 Component
Power Supply
Blower
Heater
Temperature Sensor Switch
AC Power Input breaker
Fiber Panel

Optional
Industrial PoE Switch
PoE Surge Protector

Application



Installation Space



Specifications

	OS-100-250
Power Specifications	
Input power	110VAC or 220VAC
Output power	54VDC / 250W
Battery protection from deep discharge and short circuit	Support
Battery Spec.	12V / 7Ah x 4pcs, Dimension < 151 x 66 x 100 mm
Battery charge current, isolation voltage 53.5VDC	0.2A

Specifications

	OS-100-250
Mechanical Specifications	
Dimensions (L x W x H)	400 x 263 x 455 mm
Weight	12 kg (26.7 lb)
Material	304L stainless steel
Connectors	M25x4 , M20x4
Mounting	wall or pole mount
Environmental Specifications	
Protection type	IP66
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)
Storage Temperature	-40°C ~ 50°C (-40°F ~ 122°F)
Blower w/ Heater ON/OFF	≤20°C (68°F) ON ≥30°C (86°F) OFF
Blower ON/OFF	≥35°C (95°F) ON ≤25°C (77°F) OFF

Optional Accessories

Din-Rail Industrial Gigabit PoE Switches



D40-044-30

4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)



D40-044-91

4x 90W bt PoE + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)



D40-082-30

8xGbE 30W PoE + 2xGbE SFP
-40°C~75°C (-40°F~167°F)

Din-Rail L2 PRO Industrial Gigabit PoE Switches



D60-044-30

4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)
Network Topology System



D60-044-91

4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)
Network Topology System



D60-084-30

8xGbE PoE (30W) + 4xGbE SFP
-40°C~75°C (-40°F~167°F)
Network Topology System

Industrial Gigabit PoE Media Converter



M30-011-30

1-port Gigabit 30W PoE +
1-port Gigabit SFP



M30-022-91

2-port Gigabit 90W bt PoE +
2-port Gigabit SFP

PoE Surge Protector



SD-404

802.3af/802.3at/802.3bt/UPoE
4-CH PoE Surge Protectors



SD-504

802.3af/802.3at/802.3bt/UPoE
4-CH PoE Surge Protectors

SFP Modules



SFP-ISX-X5

Industrial Gigabit SFP Transceiver

- MMF
- 0.5 km
- -40°C ~85°C



SFP-ISX-02

Industrial Gigabit SFP Transceiver

- MMF
- 2 km
- -40°C ~85°C



SFP-ILX-10

Industrial Gigabit SFP Transceiver

- SMF
- 10 km
- -40°C ~85°C



SFP-ILX-40

Industrial Gigabit SFP Transceiver

- SMF
- 40 km
- -40°C ~85°C



SFP-ITX-X1

Industrial Gigabit SFP Transceiver

- SFP
- 100 km
- -40°C ~85°C