

OS-100 Series

Outdoor Surveillance system



OS-100 Series 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 Series 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 Series is quick and easy.

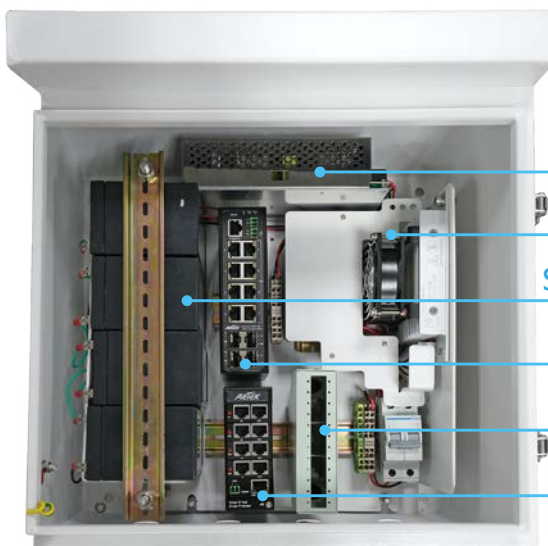
The basic mechanical and electrical equipment includes wall-mount kit, a mounting plate with DIN rails for industrial PoE switch installation or PoE surge protector installation, a two-pole circuit breaker, an earthing bus, a fan/heater with a thermostat, a set of cable glands, and an uninterruptible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

OS-100 Series 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 Series 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

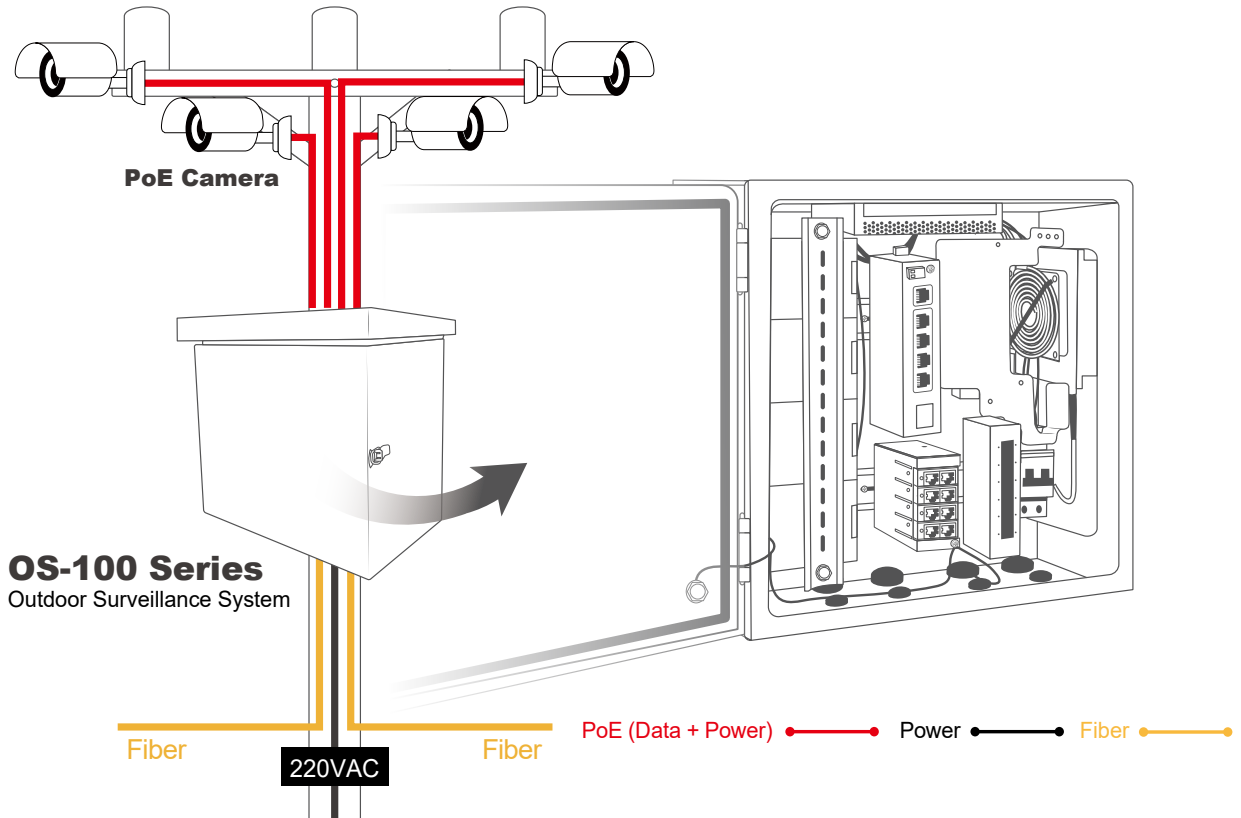
Fiber Panel

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



Specifications

	OS-100-150	OS-100-250
Power Specifications		
Input power	220VAC	220VAC
Output power	54VDC / 150W	54VDC / 250W
Battery protection from deep discharge and short circuit	Support	Support
Battery Spec.	12V / 7Ah x 4pcs, Dimension < 151 x 66 x 100 mm	12V / 7Ah x 4pcs, Dimension < 151 x 66 x 100 mm
Battery charge current, isolation voltage 53.5VDC	0.2A	0.2A
Mechanical Specifications		
Dimensions (WxHxD)	400 x 400 x 250 mm	400 x 400 x 250 mm
Weight	12 kg (26.7 lb)	12 kg (26.7 lb)
Connectors	M25x4 , M20x4	M25x4 , M20x4
Mounting	wall or pole mount	wall or pole mount
Environmental Specifications		
Protection type	IP66	IP66
Operating Temperature	-30°C ~ 50°C (-22°F ~ 122°F)	-30°C ~ 50°C (-22°F ~ 122°F)
Storage Temperature	-40°C ~ 50°C (-40°F ~ 122°F)	-40°C ~ 50°C (-40°F ~ 122°F)
Blower w/ Heater ON/OFF	≤20°C (68°F) ON ≥30°C (86°F) OFF	≤20°C (68°F) ON ≥30°C (86°F) OFF
Blower ON/OFF	≥35°C (95°F) ON ≤25°C (77°F) OFF	≥35°C (95°F) ON ≤25°C (77°F) OFF

Optional Accessories

Industrial L2+ Gigabit PoE Switch



H70-044-30
4-port Gigabit 30W PoE + 2-port Gigabit RJ45
+ 2-port Gigabit SFP



H70-044-60
4-port Gigabit 60W PoE + 2-port Gigabit RJ45
+ 2-port Gigabit SFP



H70-084-30
8-port Gigabit 30W PoE + 4-port Gigabit SFP

Industrial Gigabit PoE Switch



H30-044-30
4-port Gigabit 30W PoE +
2-port Gigabit RJ45 +
2-port Gigabit SFP



H30-044-90
30W/60W/95W PoH PoE output
4-port Gigabit 95W PoH PoE +
2-port Gigabit RJ45 +
2-port Gigabit SFP



H30-044-91
30W/60W/90W bt PoE output
4-port Gigabit 90W bt PoE +
2-port Gigabit RJ45 +
2-port Gigabit SFP

Industrial Gigabit PoE Switch



H30-082-30
8-port Gigabit 30W PoE +
2-port Gigabit SFP



H30-042-30
4-port Gigabit 30W PoE +
1-port Gigabit RJ45+
1-port Gigabit SFP



H32-042-30
4-port Gigabit 30W PoE +
1-port Gigabit
(24VDC/56VDC) PoE +
1-port Gigabit SFP

Industrial Gigabit PoE Media Converter



M30-011-30
1-port Gigabit 30W PoE +
1-port Gigabit SFP



M30-022-90
2-port Gigabit 95W PoH PoE +
2-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