Outdoor smart box

Model: SF-BOX6050AC8POE-UPS

User manual Ver. 1.0

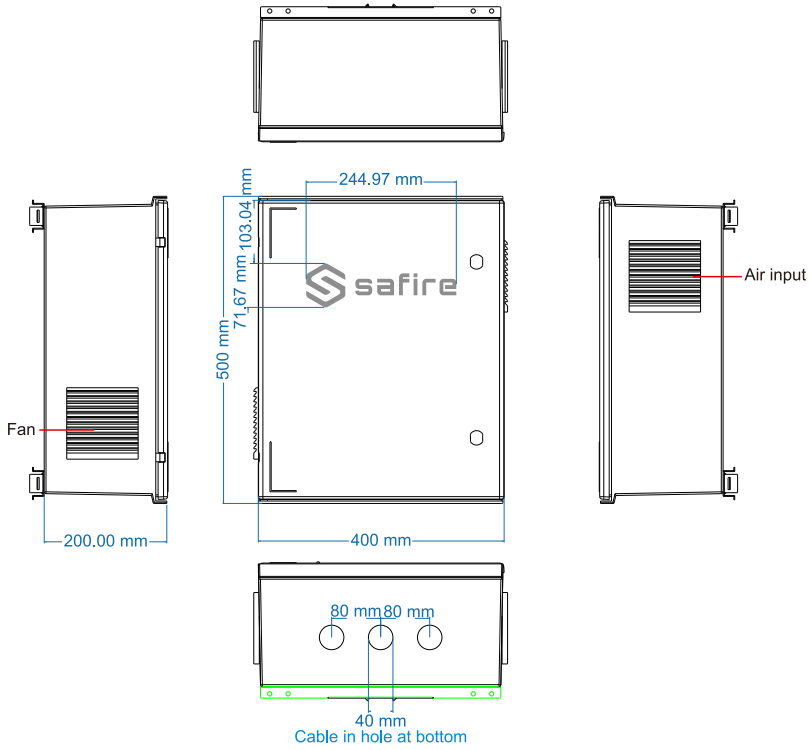
Overview

It is an outdoor smart box, powered by AC, with PoE switch, control unit, circuit-breaker, surge arrester inside.
It can be applied for surveillance monitoring, forest monitoring, etc.

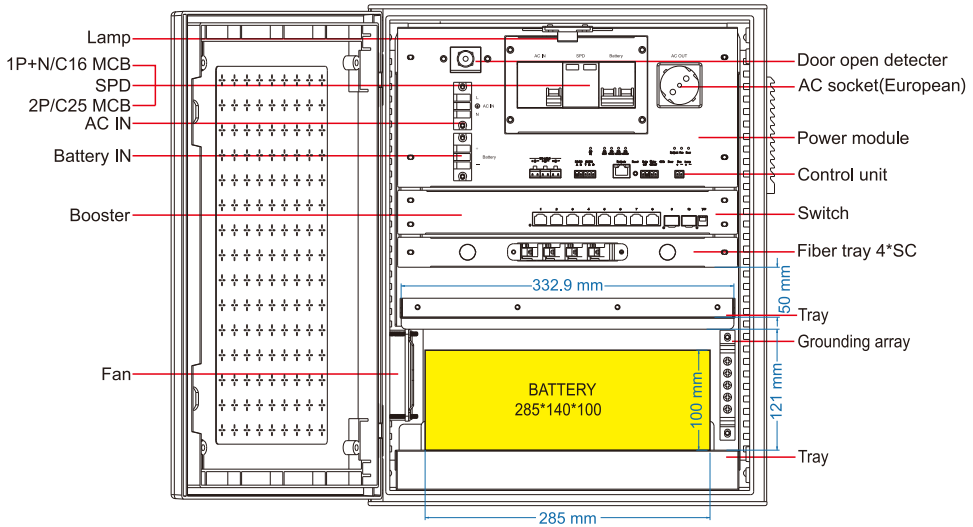
Feature

- AC input 180~264V, 50/60Hz;
- Provide 1 controllable AC output, use EU socket;
- Provide 3 channels 12VDC outputs, can be remotely controlled to detect the input voltage and current;
- With 8*10/100/1000M PoE downlink ports and 2*1000M SFP uplink ports switch;
- The switch provides 2 modes of Default and VLAN to adapt to various complex environments;
- The box adopts waterproof , anti-rust treatment, suitable for long time outdoor using;

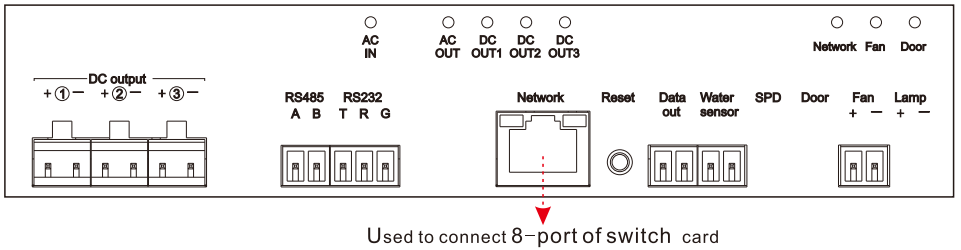
Structure dimension



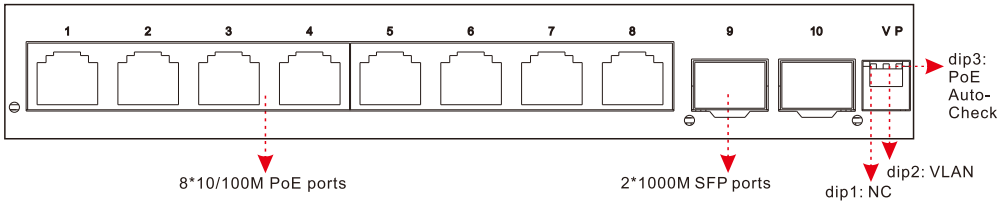
Panel diagram



Control Unit



PoE Switch



Attention 1:
V:VLAN: 1~8 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control.
P:PoE Auto-Check: PoE Auto-Check function is open/ closed by dip switch.
The switch always auto detect 1~8 ports whether frozen, if some ports are frozen, the switch will restart them, but other ports are unaffected.

Attention 2:
Opening method: Press the dip switch: the channel function started; you can turn on one or more functions.

Package list

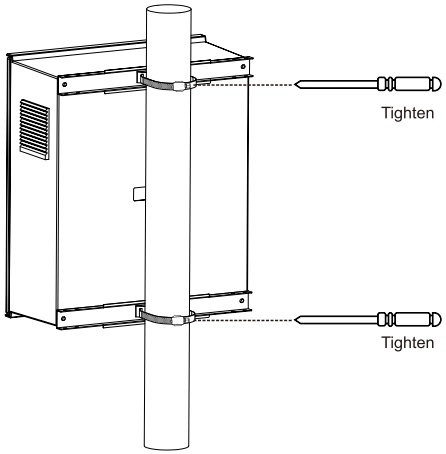
Please check the following items before installation,if any missing , please contact your local dealer.

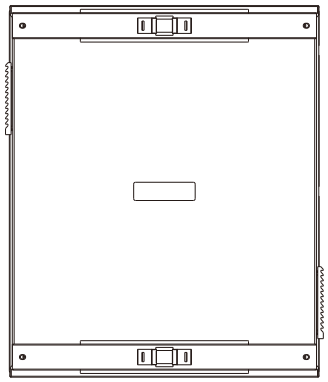
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User manual	1pc

Installation

Installation guide

If you need to hold the pole to install, as shown in the figure below, install the two holding holes through the pole to the rear slot;
Then tighten the mounting screws to the pole to fix it.





Configure devices

Use one Ethernet cable to connect the RJ45 port of this device to the RJ45 port of the computer. The default IP is 192.168.1.89. Please set the computer's IP to 192.168.1.88 and set the subnet mask to 255.255.255.0. You can use the "JL_UDP" tool software to search for devices, modify their IP addresses, and modify their server IP addresses.
Please contact your dealer for the JL_UDP tool software and usage instructions.

Specification

Item		
Power	Power input	AC 180~264V, 50/60Hz, 10A
	Power module	AC180-264V input, DC12V, 240W output; with 12V battery charge and discharge; charging voltage:1A
AC output	AC output	AC220V output, use EU socket
Battery	Battery	DC12V, customer provided
Circuit breaker	Circuit breaker	AC 1P+N 16A RCD; DC 2P 25A MCB
SPD	SPD	2P, 220VAC, 20KA
Switch parameter	Ports parameter	Ports 1~8 10/100/1000Base-T 30W PoE RJ45(IEEE 802.3af/at); Ports 9~10 1000Base-X SFP
	Working mode	Default mode: normal switch mode. VLAN mode: ports 1 ~ 8 are isolated from each other and can only communicate with the uplink port; restrain the network storm; turn off the flow control.
Indicator	Power	1 *red
	Uplink 9~10	Green LEDs indicate Link/Act
	Downlink 1~8	Green LEDs indicate Link/Act, yellow LEDs indicate PoE
Control unit	RS232/RS485	Standard Rs232/RS485 interface
	10/100 Network port	1*10/100Base-TX
	Alarm input	3 channels, The first channel is default door opening detection;
	DC output	DC 12V 3 channels output, support for remote control of single channel
	Reset Key	>5S long press: restore factory settings
Enviroment	Working temperature	-20℃~70℃
	Storage temperature	-40℃~85℃
	Humidity	0~95%(No condensation)
Structure	Dimension(H×W×D)	500mm×380mm×220mm
	Material	Metal
	Color	White
	Net-weight	15KG