Outdoor plastic box

Model SF-BOX08ECO-BMS-IP55 **User manual** Ver. 1.0

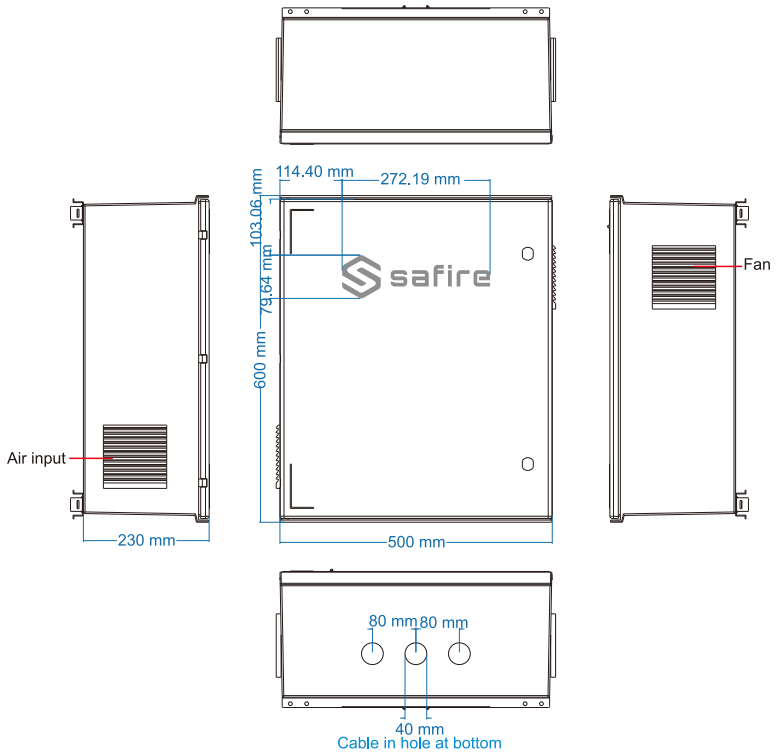
Overview

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

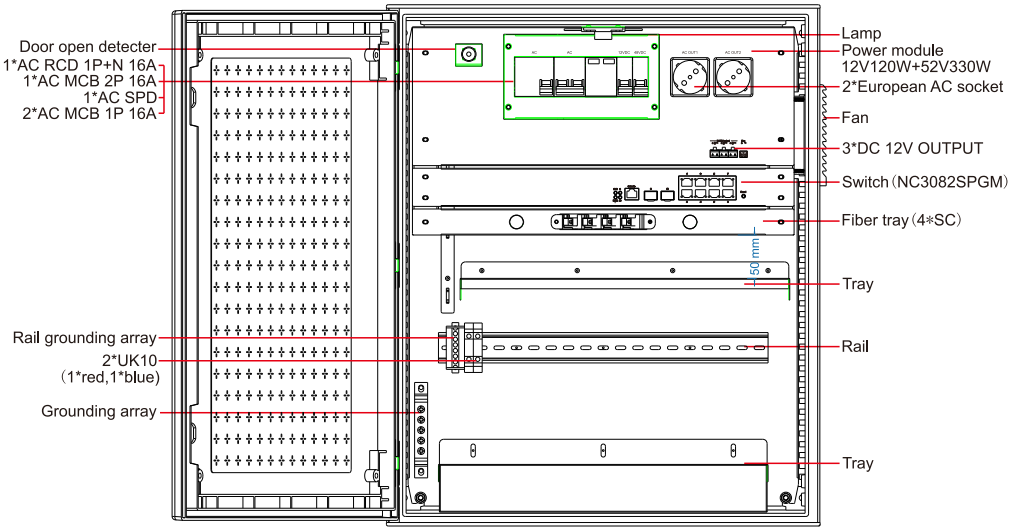
Feature

- AC input 100~240V,50/60Hz;
- Provide 2 channel AC power output, use European AC socket;
- Provide 3 channel DC 12V power output;
- With 8*10/100/1000M PoE downlink ports and 2*1000M SFP ports;
- The box adopts waterproof , anti-rust treatment, suitable for long time outdoor use.
- With software platform, can check and control remotely.

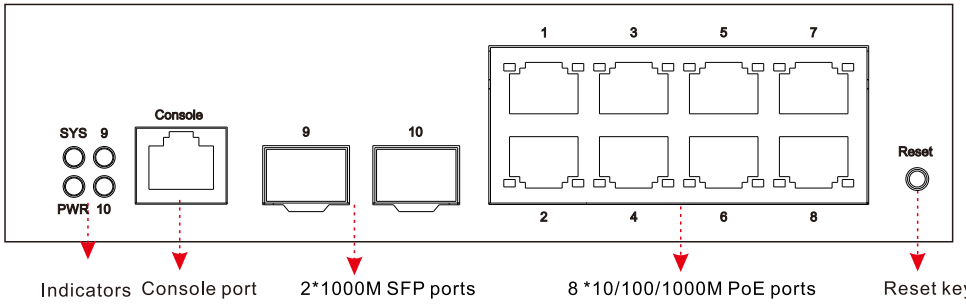
Structure dimension



Panel diagram



PoE switch



Package list

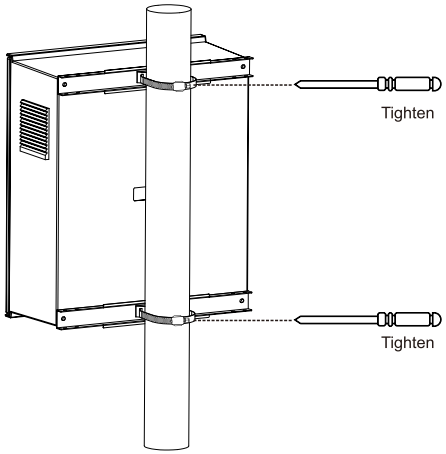
Please check the following items before installation,if any missing , please contact your local dealer.

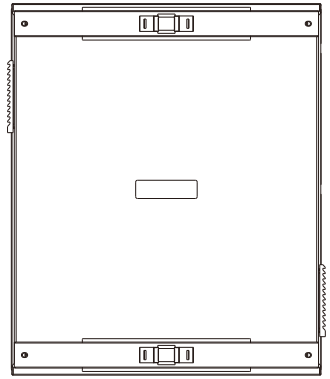
Outdoor plastic box	1pc
User manual	1pc

Installation

Installation guide

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



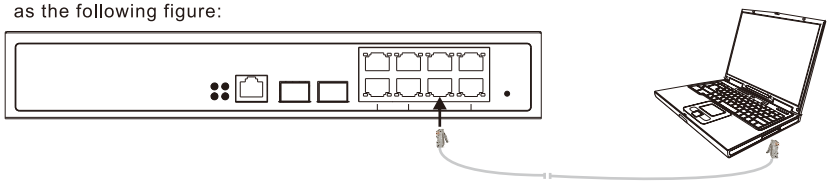


Ethernet management step

If web management,use a network cable to connect the RJ45 port and the computer'RJ45 port; (default IP:192.168.0.1 name:admin password:admin);

If CLI management,use a console cable(RJ45 to R232 serial port 38400,8,N,1) to connect the Console port and the computer'serial port(DB9);

as the following figure:



Specification

Item		Specification
Power	Power input	AC 100~240V, 50/60Hz, 10A
	Power module	AC100-240V input, DC12V, 120W output; AC100-240V input, DC52V, 240W output
	AC output	AC output 2 channels, use EU socket
	DC output	DC12V output 3 channels, 3A, green terminal slot
Circuit-breaker	RCD	1*AC 1P+N,16A
	MCB	1*AC 2P,16A 2*AC 1P,16A
Port and specification parameters	PoE switch	Ports 1~2 10/100/1000Base-T 90W PoE Rj45 (IEEE 802.3bt, also support IEEE802.3af/at) ; Ports 3~8 10/100/1000 Base-T 30W PoE RJ45(IEEE802.3af/at); Ports 9~101000Base-X SFP slots
	Consumption	Self consumption<20W, PoE output180W max.
	Indicator	Power: 1 *red ; Downlink1~8: On RJ45 green LEDs indicate Link/Act,yellow LEDs indicate PoE Uplink 9~10: green LEDs indicate Link/Act
	Reset Key	>5S long press: restore factory settings
Fiber tray	Fiber tray	4*SC
Lamp	Lamp	DC12V, open the door and turn on the lights
Operating environment	Operating Temperature	-20°C~70°C
	Storage Temperature	-40°C~85°C
	Humidity (no condensation)	0~95%
Structure	Dimension(H×W×D)	600*500*230mm
	Material	Plastic
	Color	White
	Net-weight	18kg