



Technical Parameters

AC power in	AC 100~240V, 50/60Hz, 10A
AC output	AC output 1 channel
DC12V output	DC12V output 3 channels, 3A, green terminal slot Support for remotely control of single channel Support detect the single circuit voltage and the current value
Power module	AC100~240V input, DC13.8V output, with backup power: CH1:16.4A for load; CH2: 1A for battery charging; if no battery charging , CH1 17.4A max. for load
Battery	DC12V,customer provided
RS485	RS485
RS232	RS232
Alarm input	3 channels, dry-connector input; The first channel is default door opening detection;
10/100 Network port	1*10/100 Base-TX
Reset Key	>5S long press: restore factory settings
Indicator	8*LED
Waterproof connector	12*PG7 waterproof connector
Operating temperature	-20°C~70°C
Storage temperature	-40°C~85°C
Humidity	0~95%(no condensation)
Size(H×W×D)	500mm×380mm×220mm
Material	Metal
Colour	White
Net weight	15kg

Product Description

Introducing the Smart Surveillance Box with Backup Power Model 02, a state-of-the-art outdoor solution designed for a variety of monitoring applications. This intelligent box is equipped with essential components, including a circuit breaker, surge protection device (SPD), lamp, fan, control unit, PoE switch, fiber tray, and a power module, ensuring reliable performance in demanding environments.

The Smart Surveillance Box features one AC power input channel and one AC power output channel, along with three channels of 12V DC power output that can be remotely controlled and monitored for voltage and current. With eight PoE downlink ports (10/100M) and two SFP uplink ports (1000M), connectivity is seamless and efficient. The built-in PoE auto-check function further enhances its reliability.

Additionally, the unit includes a power module with backup power (DC12V battery, provided by the customer) to ensure uninterrupted operation. It also supports platform software that offers mapping, multi-product networking, remote control, alarm management, operational metrics, and statistical analysis.



Switch Specifications

Consumption	Self-consumption<5W
Ethernet ports parameter	1~8ports: 10/100Base-T 30W PoE RJ45(IEEE802.3af/at PSE) 9~10 ports: 1000Base-X SFP slots
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	5.6Gbps
Through put	4.2Mpps
Buffer	12K
MAC address table	4K
Indicator	Power: 1 *red ; Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE Uplink9, 10: On RJ45 green LEDs indicate Link/Act

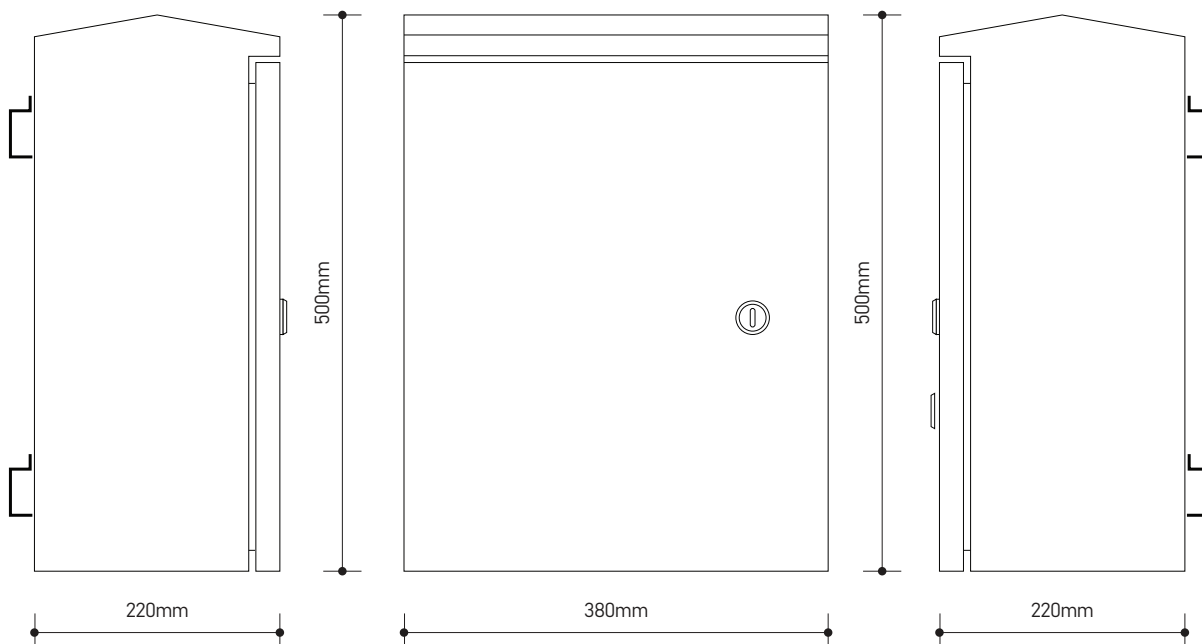
Features & Benefits

- Offers one channel for AC power input and one channel for AC power output.
- Provides three channels of 12V DC power output with remote control capabilities, along with voltage and current detection.
- Includes eight PoE downlink ports (10/100M) and two SFP uplink ports (1000M).
- Features a PoE auto-check function.
- Equipped with a power module and backup power (DC12V battery, provided by the customer).
- Supports platform software with features like mapping, multi-product networking, remote control, alarm management, operational metrics, and statistical analysis.

Applicable scenarios

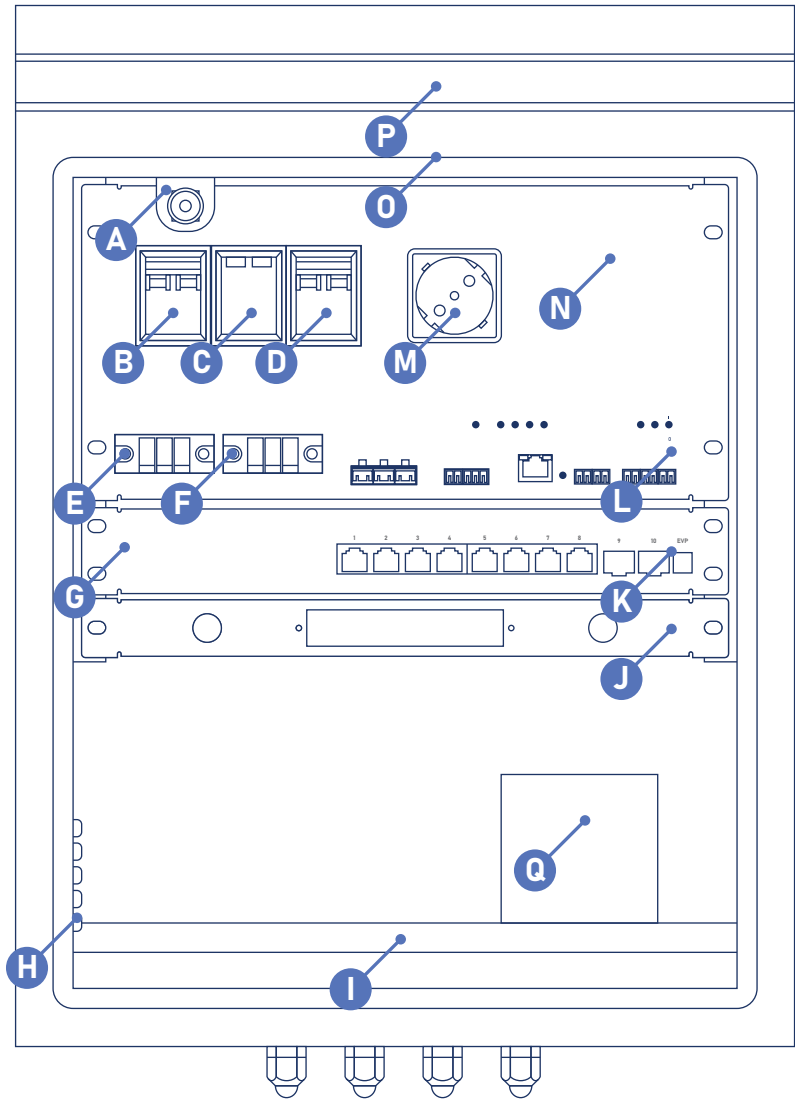
- Commercial Spaces: Offices, retail stores, and warehouses can enhance security and monitor activities in real-time.
- Residential Properties: Homeowners can integrate the box with their home security systems for added safety and monitoring
- Industrial Facilities: Factories and manufacturing plants can use it to oversee operations and ensure the safety of personnel and equipment.
- Public Spaces: Parks, transit stations, and city streets can benefit from comprehensive surveillance and quick response capabilities.
- Educational Institutions: Schools and universities can improve campus safety by managing multiple surveillance devices efficiently.
- Healthcare Facilities: Hospitals and clinics can monitor sensitive areas to ensure patient safety and security.
- Remote Locations: Sites that require monitoring in isolated areas, such as construction sites or storage facilities, can leverage its connectivity and alert features.

Structure





Technical Diagram



A	Door Open Detector
B	AC 2P Circuit Breaker
C	AC SPD
D	DC 2P Circuit Breaker
E	AC IN
F	Battery Input
G	Booster
H	Grounding Array
I	Tray
J	Fibre Tray 4* SC
K	Switch
L	Control Unit
M	Euro AC Socket
N	Power Module
O	Lamp
P	Fan
Q	Battery (additional)

Example Part Number	
Description	Part Number
Smart Surveillance Box with Backup Power 500mm×380mm×220mm - Model 02	

