

❖ Overview

The **KIT-ENV** is a software platform controller, to be used in the smart surveillance box. It can be connected with network switch, flash lamp, alarm lamp, infrared detector or other equipment. It can managed all connected equipment and with rich management function. Work with the platform software, It can send alarm message when input AC power off, device power off, optical fiber link down, IP camera link down...

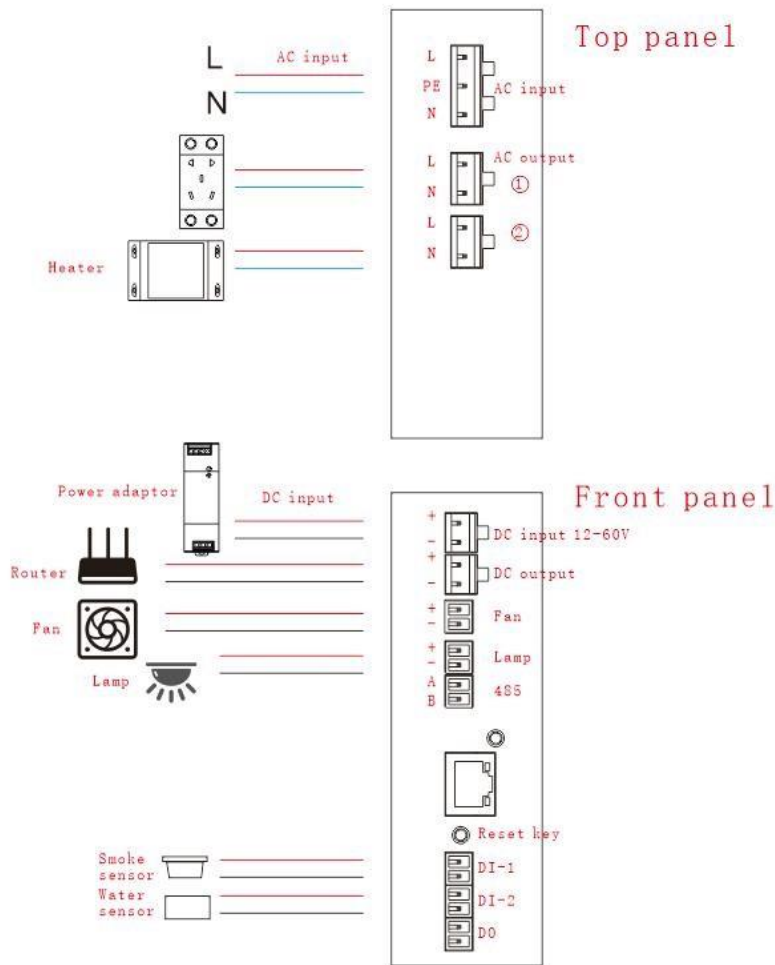
❖ Picture



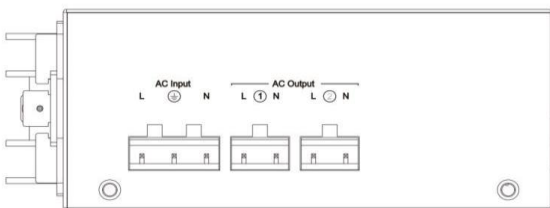
❖ Features

- ❖ 1 channel AC power input, can detect voltage;
- ❖ 2 channel AC output; can remote control on/off and detect voltage and current;
- ❖ 1 channel DC input(DC12-60V);
- ❖ 1 channel DC output, can remote control on/off and detect voltage and current;
- ❖ Provide fan and lamp interface (fan:temperature controlled lamp: door open turn on);
- ❖ Provide 2*DI(digital signal input) and 1*DO(digital signal output);
- ❖ Support platform software, support map, remote control, alarm management, operation and maintenance, statistical analysis and other functions.

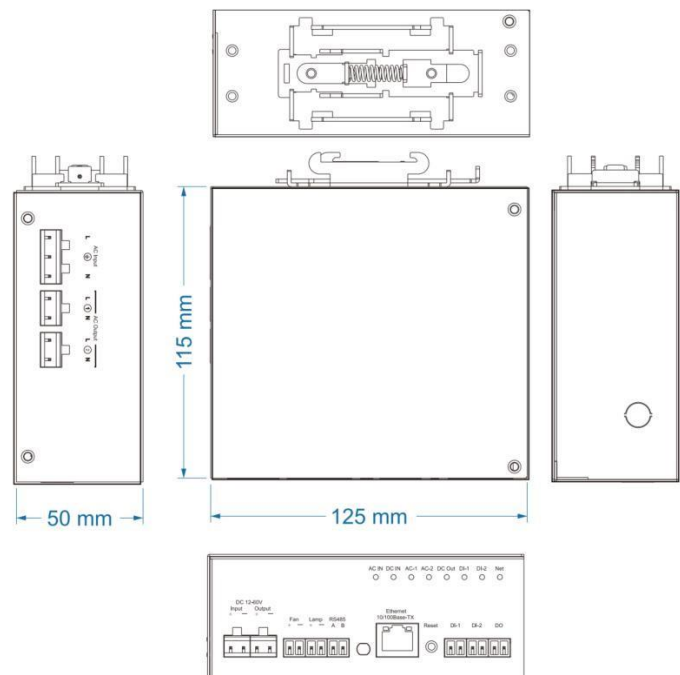
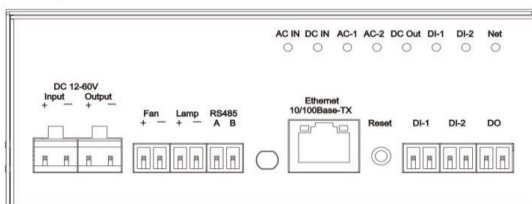
❖ Application



Profile diagram



Front diagram



❖ **Hardware specification**

Item	specification
AC power IN	AC 100~240V, 50/60Hz, 10A, green terminal, detect voltage Used for 2*AC output
AC output	Can be remote control on/off, detect voltage and current
DC input	DC12V-60V, used for 1 DC output and local power supply. It is necessary , otherwise the controller do not work
DC output	DC output 1 channel, can remotely control on/off; Detect voltage and current
RS485	Standard RS485 interface
Alarm input	2 channels, dry-contact signal input
Alarm output	1 channel alarm output(dry-contact)
10 / 100 network port	1*10/100Base-TX
Reset button	>5S long press: restore factory settings
Light sensor	Light sensor (can be used for door opening detection)
Indicator	8*LED
Working temperature	-20°C~70°C
Storage temperature	-40°C~85°C
Humidity	0~90%(No condensation)
Dimension (H×W×D)	50×125×115mm
Material	Metal
Colour	Black
Net-weight	300g

❖ Ordering information

Model	Description
KIT-ENV	Smart surveillance box controlling unit; AC 100~240V, 50/60Hz, 10A IN; DC 12-60V, IN; 2*AC Output (support for remote control, voltage detection); 1*DC Output (support for remote control, voltage detection); 2*DI, 1*DO, 1*RS485, fan and lamp interface 1*10/100 RJ45; Work with platform software.