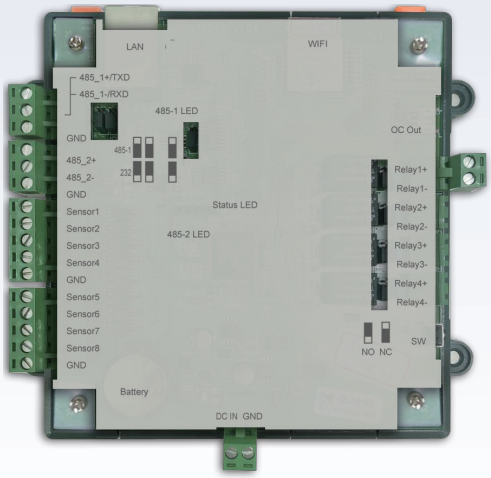
EPC-420io Access I/O Controller



Features

- Provide the funcations of communication converter and fire alarm-linked door opening.
- Support TCP Server / Client and UDP Server / Client connection modes.
- In TCP Server mode, it supports Keep Alive Check and remote idle timeout disconnection settings.
- Able to link up to 64 access control devices, including TCP/IP setting to link 32 access control devices, RS-485 serial port 1 and port 2 can each control 16 access control devices.
- Provide 8 sets of fire alarm area detection sensors and 1 set of action output relay. When the fire alarm detection is triggered, the access controller is immediately linked to release the electric lock.
- Able to connect an external alarm to alert the administrator.
- Able to set linkage through TCPIP, specify the EPC-420io linkage controller to be set, and all devices under the controller will open the door together.
- TCP/IP and RS-485 can store 50 fire alarm linkage records respectively, for a total of 100 records.
- Allow to set whether the device will sound an alarm after triggering the linkage and whether the LCD device will display a fire alarm.
- Able to set the automatic restart time of the controller. When there is no data transmission and no sensor action triggering for more than the set time, the controller will automatically start to ensure normal operation.
- Watchdog function secures system free from halting.

Ordering Information

Package Content:

- Controller x 1
- Quick Start Guide x 1

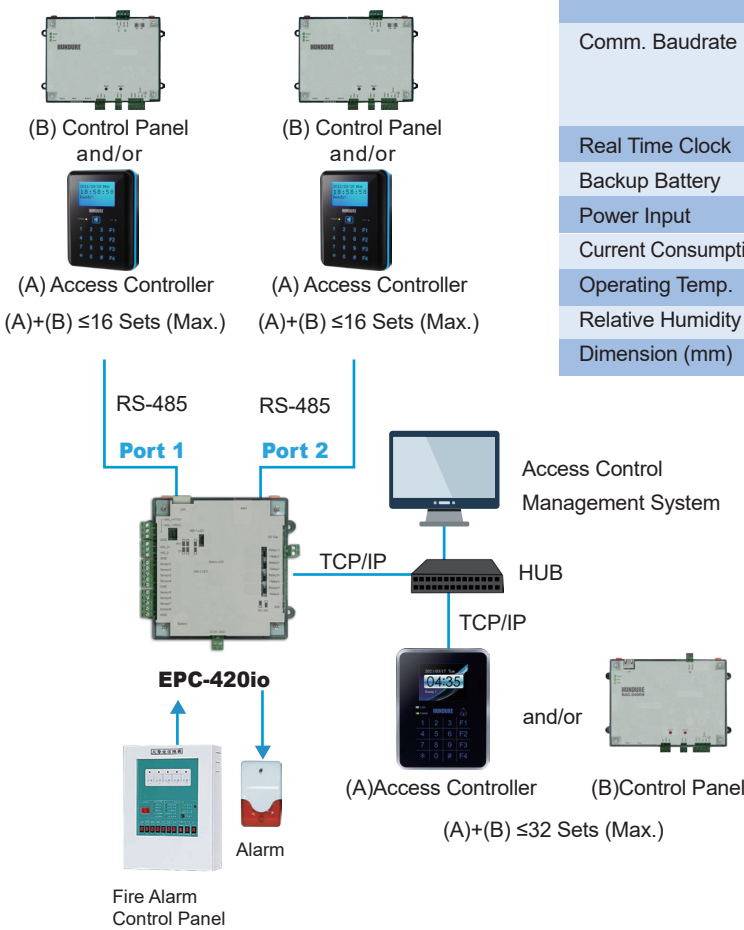
Supported Software

- HAMS Management System

Operational Accessories:

- RS-485 / TCP/IP Control Panel
- RS-485 / TCP/IP Access Controller

System Architecture



Specifications

Model no.	**EPC-420io**
CPU	32 Bit CPU (With ISP function)
Memory	1M Flash
LED Indicator	Standby (G) x 1、Comm. (R) x 2、Comm. (G) x 2、Output (R) × 1
Input Ports	Sensor x 8
Output Ports	Relay x 1
Comm. Interface	TCP/IP Port 1：RS-485/RS-232 x 1 (Select one) Port 2：RS-485 x 1
Comm. Baudrate	RS-232/RS-485：2400、4800、9600、19200、38400、57600、115200bps、bps-N-8-1 TCP/IP：10/100M
Real Time Clock	Yes, support NTP time synchronization
Backup Battery	Yes (CR2032)
Power Input	DC 9V~24V
Current Consumption	500mA
Operating Temp.	-40˚C ~ 70˚C / -40˚F ~ 158˚F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension (mm)	150 (L) x 155 (W) x 30 (H)

* Product design and specifications are subject to change without prior notice.