

## Smart Access System (SAS-ES1)

SAS-ES1 is an **Ethernet(TCP/IP)** ready embedded Event Server designed for a series of Access Control System. This unit can handle a large capacity of cardholders and transactions. The Ethernet feature allows the system to be used in a local (standalone) or a web-based (clustered) control and monitor mode.

### Event Server

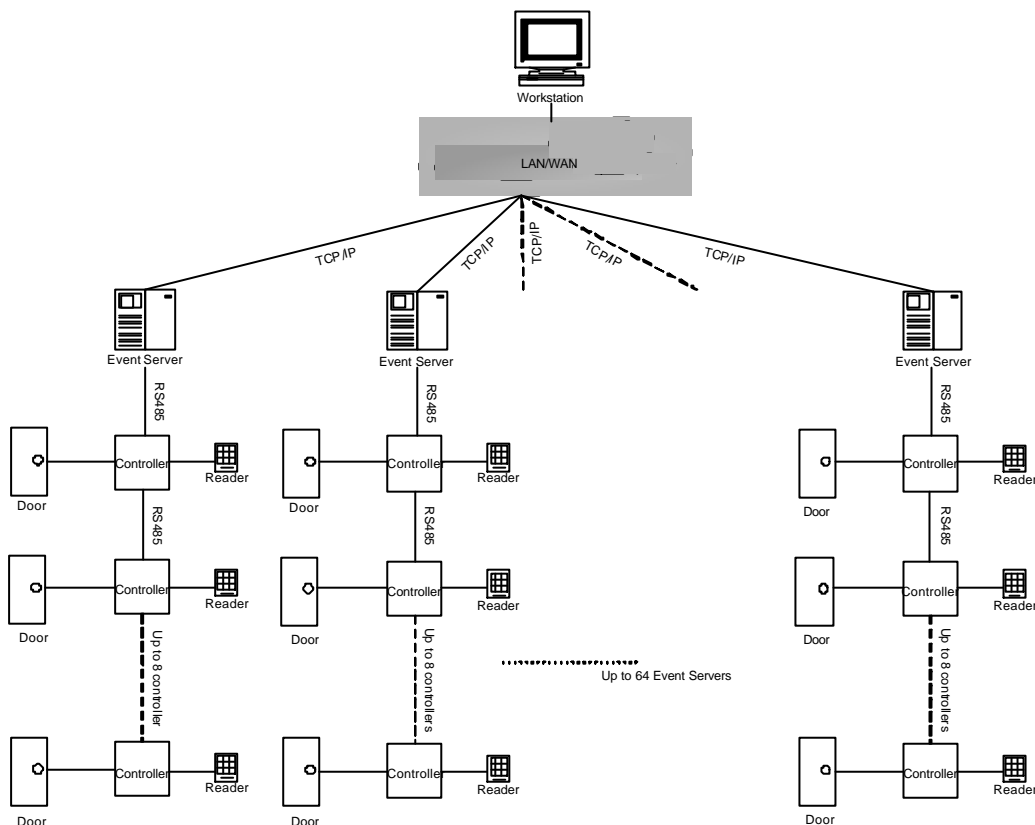


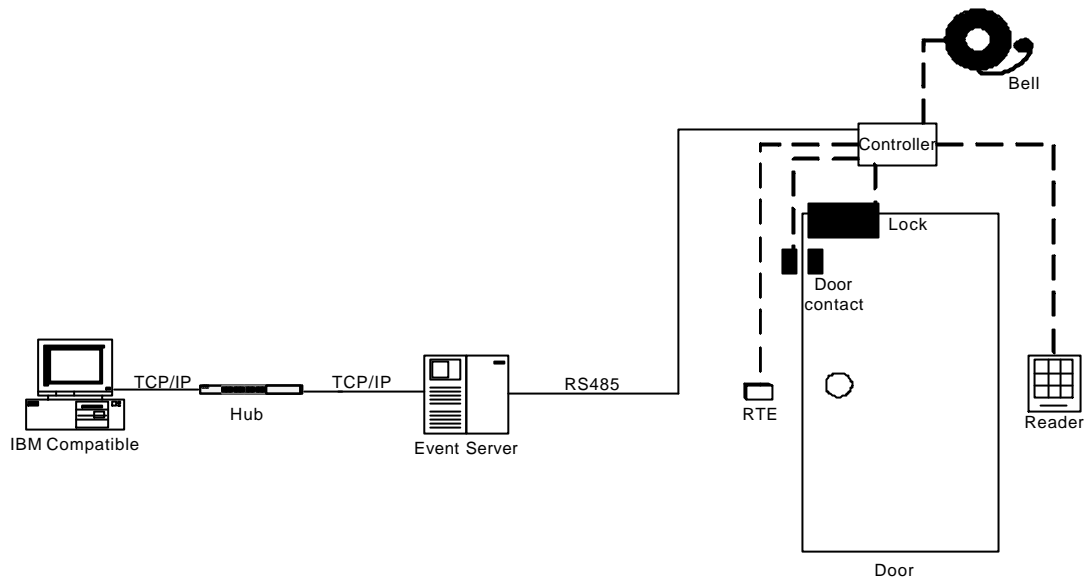
Fig 1.1 Access Control System Schematic Diagram

### General Features

- Direct Ethernet connection with a unique IP address.
- Communication and power status LED's
- Card only or card + PIN operation
- Support up to 28,000 card holders and transactions respective in offline mode
- Support up to 128 time zone commands
- Support weekly and holiday time zone setting
- Support 8 doors controller for each event server

- Up to 64 event server supported
- Easy to installation
- 10year Card Holder data backup after power loss
- Communications auto-sense

## Door Controller



## General Features

- Support Proximity, Motorola, HID, Mifare Reader
- Support 3 x 4 keypad
- Door sensor input
- Output for electronic door lock
- Door release button input
- Alarm output

**MaCaPS**

Where card security lives  
(a subsidiary of CityU Enterprises Co. Ltd.)

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## Specification:

Memory	128KB flash + 128KB RAM (8,000card holders +4,000 transactions) expandable to 512KBf lash + 512KRAM (28,000card holders +28,000 transactions)
Operating Temperature	14°F to 122°F -10°C to + 50°C
Power Supply	12VDC 1A
Wiegand Reader Interface	Communication MaCaPs Controller
Communication Interface	TCP/IP
Card format	Wiegand format
Dimension	200(L) X 160(W) X 62.5(H) mm

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