



## Features:

### \* SD card data backup

If the system fails, the administrator can use the backup data in the SD card to recover the system.

### \* Multiple hardware protection measure

There are over-current protection, over-voltage protection, reversal protection for the power supply and all the input and output terminal.

### \* Integration with Other Security Systems

C3-100 can be integrated with other security systems such as CCTV, fire alarm, BAS(building automation system) and other systems to configure total security system.

### \* Supports different wiegand reader

The controller support different wiegand format, and can connect to different reader, including ID card reader, Mifare card reader and HID reader etc.

### \* Input/Output Ports to Control Doors

Connect with variety of sensors, alarms, exit buttons, electric lock and other devices.

### \* Variety of Communication Function

Using either serial or TCP/IP communication, it provides reliable network system

### \* B/S structure software

It is easy to manage the system by browser from client PC. There is no need to install software on each client.

### \* Normal open after first punch card can be setup

### \* Real-time Monitoring of Door status

Using the management software, it allows real-time monitoring and control of door opening and closing of the whole system.

### \* Simple Access Control System Configuration

### \* Interlock function

Link different doors with special logic that one door is Open, others should be closed.

### \* Multi-card operation

This function is used to manage visitors or to manage some special high secure place. The doors are opened when appointed number registered cards are read together.

### \* Anti-Passback

### \* Duress Mode

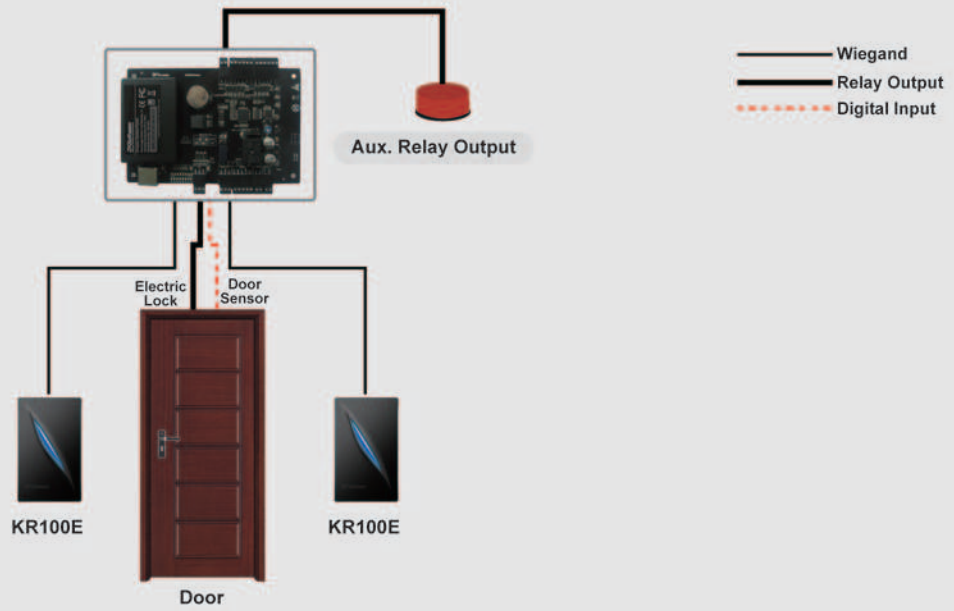
### \* SDK available

The system integrator can use the SDK to integrate the hardware into their existing access control software system or to develop a new software.

## Specifications:

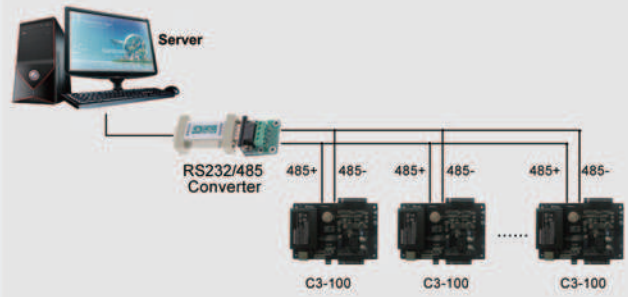
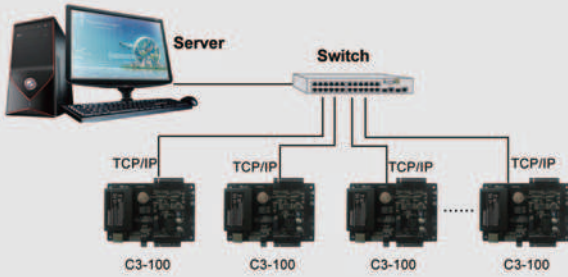
Model	C3-100
CPU	32bit MIPS CPU
RAM	32M bits
Flash Memory	256M bits
User	30,000
Event Buffer	100,000
Power / Current	DC 9.6V-14.4V, Rated Max.1A
Reader Port	2ea (26/34bit Wiegand, 8bit Burst for PIN)
Communication	RS485, TCP/IP
Baud Rate	38,400bps (Recommended) / 9600bps, 19,200bps, 57,600bps (selectable)
Input Port	2ea (Exit Button#1, Door Sensor#1)
Output Port	1ea (1 FORM-C Relay Output, SPDT 5A@36VDC/8A@30VAC) 1ea (1 Aux FORM-C Relay Output, SPDT 2A@30VDC)
LED Indicator	Yes, LED indication for communication, power, status and punch card
Operating Temperature	0°to +55°C
Operating Humidity	10% to 80% relative humidity non-condensing
Dimension (L*W)mm	160(W)*106(H)(single board ) 345(W)*275(H)*70(D)(with power supply and metal box)
Certification	CE, FCC

# Configuration:



# TCP/IP Network

# RS485 Network



# Application



Seaport



Airport



Hospital



Enterprise



Government



Logistics



Hotel



Bank



Villa



School