FSC8105 Cluster Controller

FSC8105

概 要

TA7002P is an excellent single-door attendance machine that supports Wiegand26, Wiegand34 read-head access.It can control the two-way entrance and exit of a door independently, and can be realized by swiping card when entering or leaving the door. It can also be realized by using the traditional simple swipe card + door button.Since the access control controller is built into the card reader, the connection is easy and easy. All the operations are realized through the keyboard and card, making the system beautiful and easier to install.

30mm

120mm

70mm

TA7002P

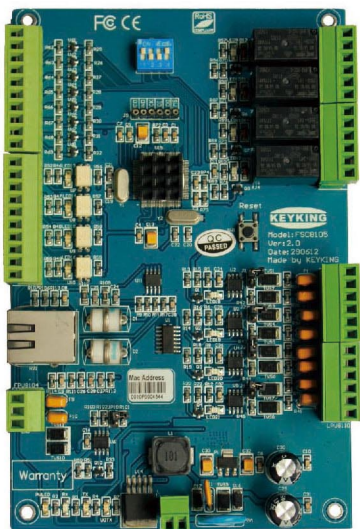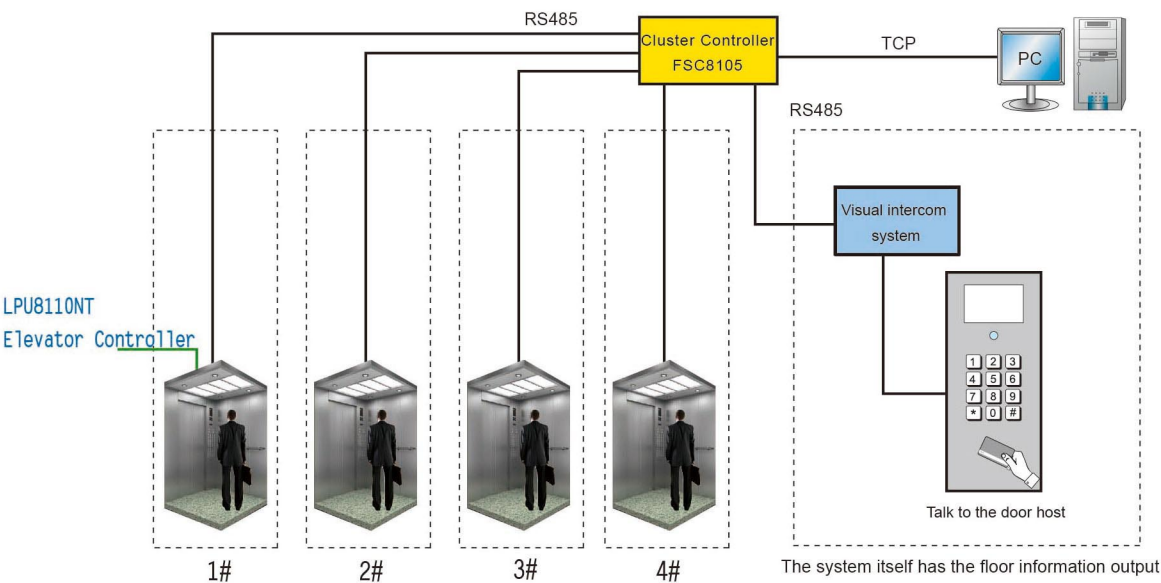## Features

■ Cluster controller is the dispatching unit of elevator controller, responsible for information transmission and communication of each component.

■ Each group of elevators (each unit) requires a Cluster controller.

■ Upper communication interface: TCP/IP interface, 100M Base.

■ LPU8110 interface: can connect 4 RS485 bus, each bus can connect LPU8110 power Ladder controller.Wiring is more convenient.

■ FPU8104 interface: single RS485 bus can connect 127 FPU8104 floor letters Number collector.

■ Visual intercom input interface: support rs232/485 floor information input signal, which can save the FPU8104 floor signal collector.

■ The elevator is in place to detect the terminal and know exactly which elevator is in position.

■ Extended input port to facilitate function extension.

■ Group C auxiliary relay, function extension is convenient.

Order Information

FSC8105	Cluster controller
Packing Information	■ FSC8105 x1 ■ ManualSpecificationx1 ■ QC Certificate x1

System Diagram

RS485

Cluster Controller FSC8105

TCP

PC

RS485

RS485

Visual intercom system

LPU8110NT Elevator Controller

Talk to the door host

1#   2#   3#   4#

The system itself has the floor information output

Specification

■ CPU: ARM® CortexTM-M3的32-bit processor

■ Operating Voltage: 12VDC

■ Communication: RS485、TCP/IP

■ Rate:9600bps。

■ Transmission distance: 1.2Km (100Kbps)。

■ Temperature: -20℃–70℃

■ Humidity: 5%–95%。

Applications

Access control and attendance;Exit management, identification.

Features

■ Three kinds of USES: the door ban one, the attendance machine, the liquid crystal card reader.

■ Support TCP/IP protocol, .no wiring, direct access to LAN.

■ Built-in: EM, Mifare, HID card reader.

■ Large storage capacity, 30,000 cardholders, 15,000 event records.

■ Support personal password entry

■ A variety of programmable enter password control

    ----------The card adds four passwords

    ----------Personal 8-bit password entry

    ----------Multiple super passwords enter

■ Support multiple CARDS at the same time and open the door

■ Multiple time Settings

    -------------Annual holiday setting

    -------------Each door can set up 15 time groups

    -------------Temporary card Settings for the next week

■ Area anti-follow/anti-creeping detection Settings（Anti-Passback）

■ Multiple door mode working mode

    --------------Door is always open

    --------------The door closed

    --------------First card reading card open door control

    --------------Dormancy control

    --------------Safe state

■ Remote manual control of any door point

■ 24 sets of linkage function, optional setting

■ Multiple alarm functions (support relay output)

    --------------Timeout door open

    --------------The door was forced open

■ The data dropped for more than 180 days

Specification

CPU	ST ARM ® CortexTM - M3 32-bit embedded processor, nuclear watchdog protection
Memory	Program memory: 256KB ROM data memory: 512KB SRAM
Cardholder	30,000 sensor CARDS, 30,000 batches;100, 000 event stores
Reader port / Format	Support all 26, 34Bits vigeng input devices (fingerprint reader, inductive ID/IC Card reader);Compatible with Keyking, Motorola/INDALA, HID, etc
Communication	TCP/IP, direct access to LAN; The RS485 bus, a single bus can connect 127 controllers, and the data transmission distance is greater than 1200 meters Communication rate: TCP: 100M;RS485:9600 1, 1, n It can communicate with DPU3000 series controller.
AUX-IN / AUX-OUT	Reader input C type electric lock relay output terminal, 3A contact current, 12V DC, with LED status indicator Go out button, door magnetic/door state input termina
Protection	Input flow protection, automatic recovery when normal All input/output voltage dynamic protection All relay outputs have transient overpressure protection
Self-inspection	YES
OLED	Highlight, orange, and blue color display
POE	802.3af
Working voltage	Voltage: 12VDC;Current < 0.3 A
Environment	Temperature - 20 ℃ ~ 60 ℃, the temperature is 0 ~ 90%
Dimension (mm)	120x70x30
Weight	150g
Software	Windows2000/XP/Win7/Win8 platform

Order Information

TA7002P	EM attendance machine HID attendance machine CPU attendance machine touch key-press attendance machine
Packing Information	TA7002P Manual Specificationx1 QC Certificate x1