

# Entry C10

## Elevator Controller

The EC10 (Elevator controller) and EX16 (Elevator Extension Board) are used for elevator control applications. The system controls the elevator floor button(s), based on the user's access credentials.

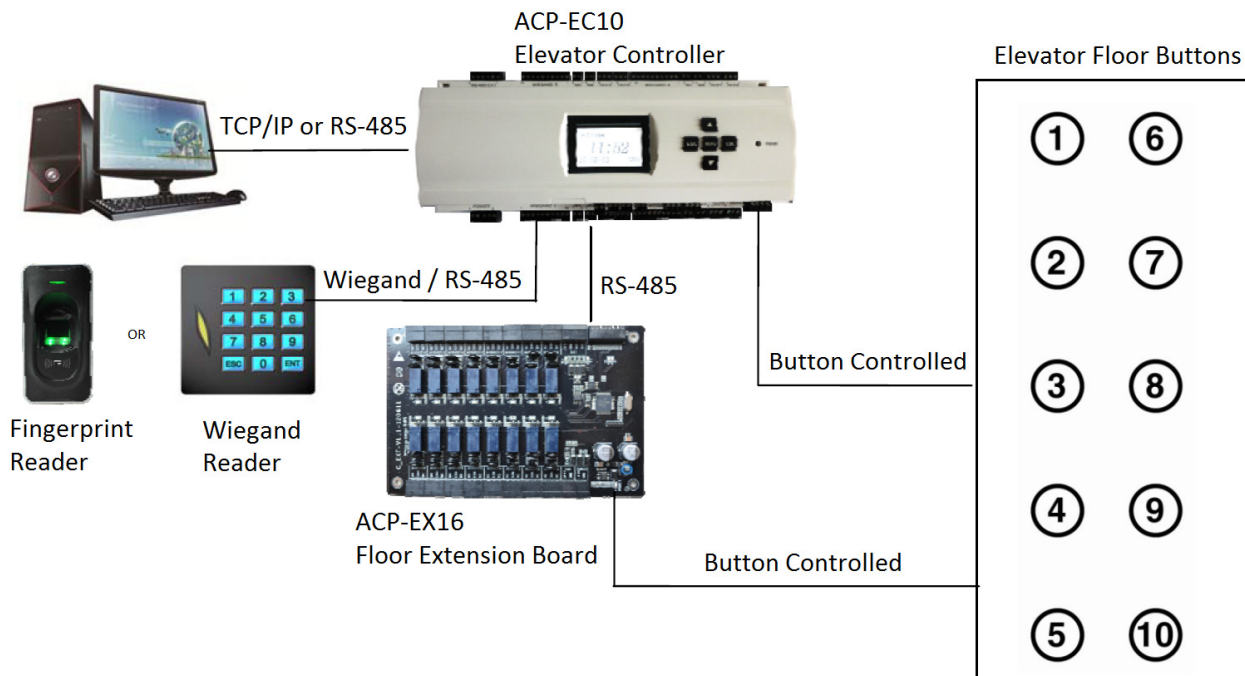
After a valid card read or fingerprint scan, the system will activate the necessary floors based on the assigned privileges. For example, Tom has access privileges to floors 3 and 10 in the software. If Tom attempts to push any other floor after a valid read, the system will take no action. Tom will only be allowed to push buttons 3 and 10.

### ACP Hardware (Advanced Access Control):

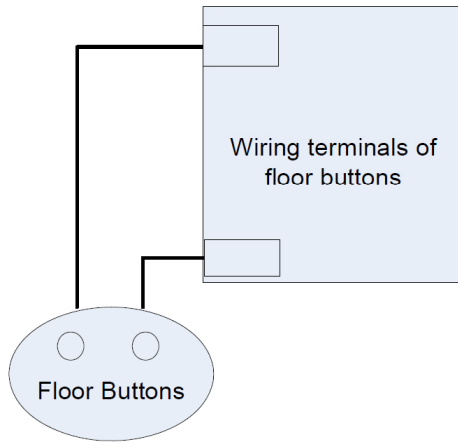
The ACP series hardware is built on a flexible, open technology to provide management, real-time monitoring and control of your access control system using IS2000.

### Advanced Access Control Built-In:

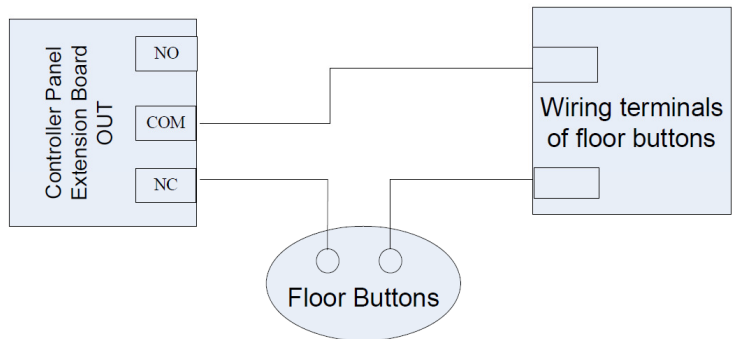
Anti-Passback, First-Card Opening, Multi-Card Opening, Duress Entry, and more are built into controller firmware and programmable through IS2000.



Normal elevator Wiring Diagram



Elevator control system Wiring Diagram



## Specifications

### Capacity

**Users:** 30,000

**Fingerprint Templates:** 3,000

**Floor Button Control Relays:** 10 (expandable to 58)

**Supported Extension Boards:** 5

**Event Buffer:** 100,000 transactions

### Output Relays

10 Form-C Relays- SPDT 5A@36VDC or 8A@30VAC

### Communication

Ethernet and RS-485

### LED Indicator

Indication for communication, power, status and prox card

### Power

**Event Buffer:** 12V DC, 12V DC, 3A

### Environment

**Operating Temp:** 32-113 °F (0-45 °C)

**Operating Humidity:** 20% to 80%

