

# EV3 Elevator access package

## High performance

**SOYAL**

Access Control System

Date: 7 April 2022, Revision: V7

### General Description

Authorized floor for each user is programmed into the reader through MagEtegra ME-ACS software. Support up to 16000 cards and 16 floors (max 64 floors). Add AR401R016 to support additional 16 floors. Multiple EV3 can be linked together. Operator can specify when (time zone), which level (floor group) and which elevator (door group) user can access.

User gets into the elevator car and flashes the card to the reader installed beside the floor buttons. User is only allowed to select floor that is authorized for his access. Building manager will be able to control, monitor and generate access log daily, monthly and yearly report from PC.

### Application

Elevator access control system for condominium for a better security to block entry of intruder. Building Offices to control employees on which floor employees can access, etc.

### Ordering Information

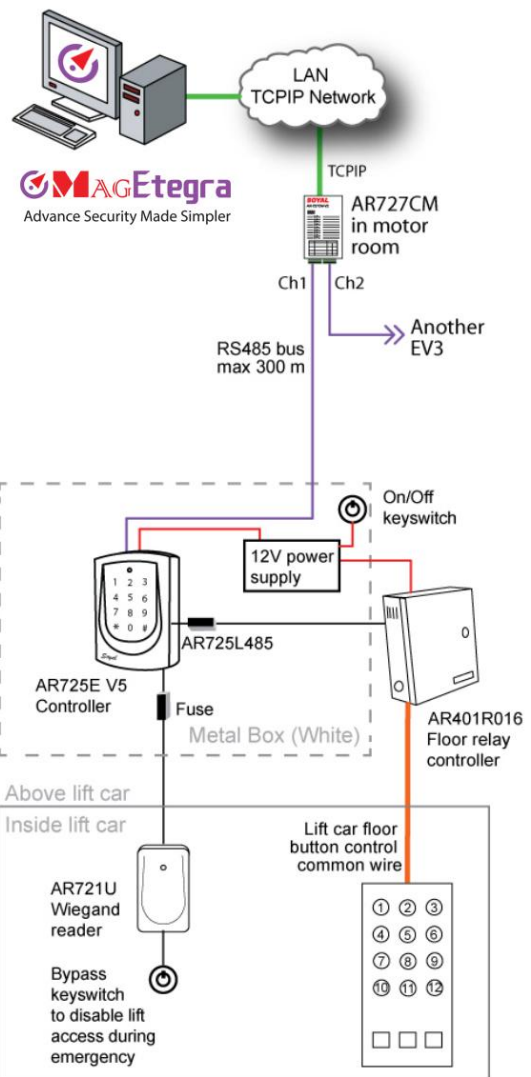
Ordering code: EV3

Qty	Parts
1 pcs	Soyal <a href="#">AR725E</a> V2 lift access controller
1 pcs	Soyal <a href="#">AR721U</a> wiegand reader
1 pcs	Soyal <a href="#">AR401R016</a> floor relay controller
1 pcs	Soyal <a href="#">AR725L485</a> interface
1 pcs	Metal box with camp lock
2 pcs	Key switch (latch type) on/off
2 pcs	2.2K ohm resistor
2 pcs	120 ohm resistor
1 pcs	12V, 3A switching power supply
1 pcs	Relay

### Upgrade ideas:

- Add [AR727CM](#) to connect to TCP/IP network with IP address for PC software management. Each AR727CM can support 2 set EV3.
- Add [AR401R016](#) to support additional 16 floors. Each EV3 can support maximum 64 floors with 4 x AR401R016 .
- Use RS422 data cable with shielding for RS485 and Wiegand data running. CAT5 or CAT6 is not suitable for wiring inside lift.
- Use [MagEtegra Pro-Basic \(SEPB\)](#) for multiple EV3 over TCP/IP LAN network.

\*\*Please consult our technical specialist for more information on proper wiring to ensure no data loss over long distance.



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