

EV1 Elevator access package Basic

SOYAL

Access Control System

Date: 7 April 2022, Revision: V6

General Description

Authorized floor for each user is programmed into the reader through MagEtegra ME-ACS software. Support up to 1024 cards and 16 floors (max 32 floors). Add AR401R016 to support additional 16 floors. Operator can specify when (time zone), which floor (floor group) and which elevator (door group) user can access.

Users get into lift 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

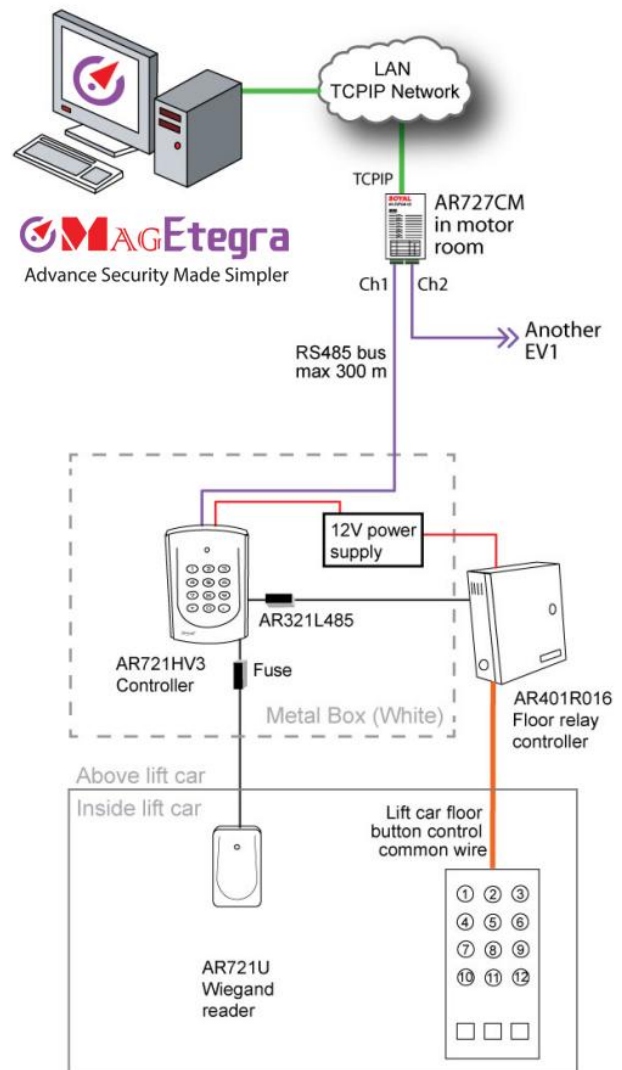
Ordering code: EV1

Qty	Parts
1 pcs	Soyal AR721HV3 lift access controller
1 pcs	Soyal AR721U wiegand reader
1 pcs	Soyal AR401R016 floor relay controller
1 pcs	Soyal AR321L485 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 TCPIP network with IP address for PC software management. Each AR727CM can support 2 set EV1.
- Add AR401R016 to support additional 16 floors. Each EV1 can support maximum 32 floors with 2 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 EV1 over TCPIP 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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