

SPECIFICATION



EV3 High Performance Card Lift Access



EV3 MAG High Performance Lift Access Control Package

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 MAC416 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

Model: EV1

Qty	Parts
1 pcs	AR725E V3 lift access interface
1 pcs	AR721U wiegand reader
1 pcs	MAC416 16 relay output interface
1 pcs	AR321L485 interface
2 pcs	MAG Metal box w/ cam-lock (build-in power supply w/ indicator)
1 pcs	Key switch (on-off latch type)
1 pcs	Key switch (on-off latch type) w/ stainless steel plate
2 pcs	2.2K ohm resistor
2 pcs	120 ohm resistor
1 pcs	Protection fuse
2 pcs	12V DC Relay with base

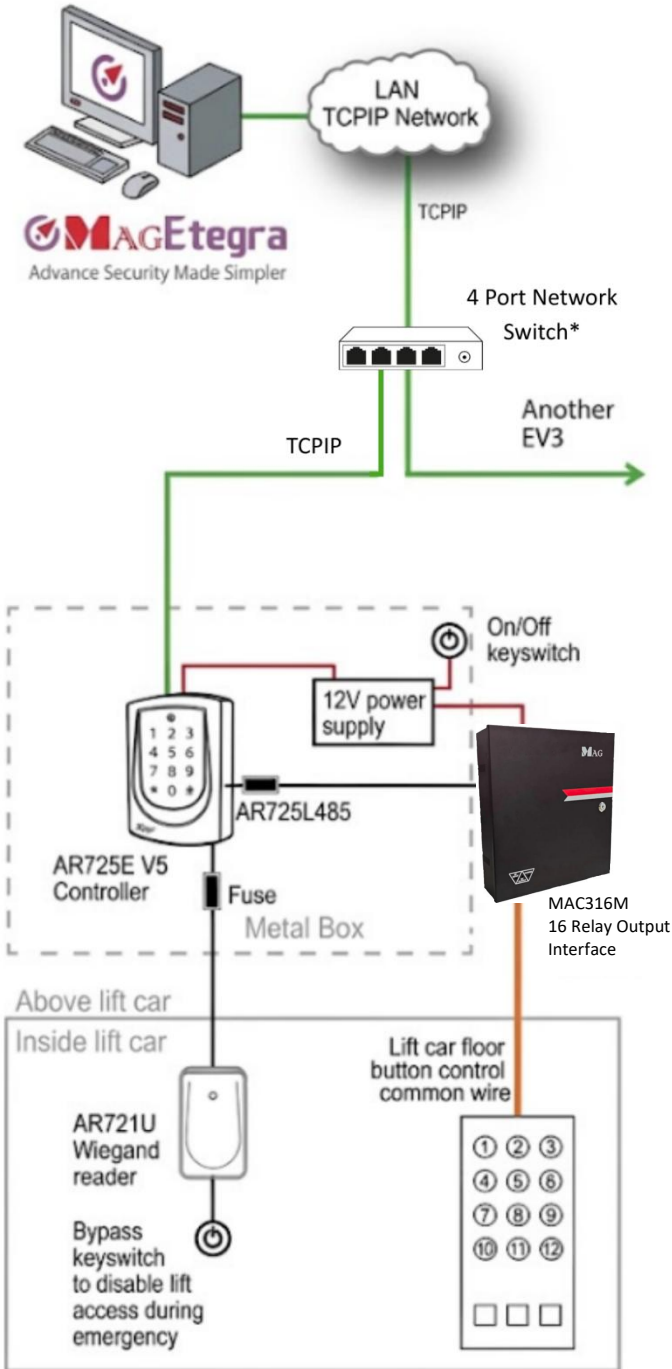
Further Upgrade Recommendation via:

- Add a MAC416 interface board to support additional 16 floors. Each EV3 can support maximum 64 floors (4 x MAC416).
- 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.

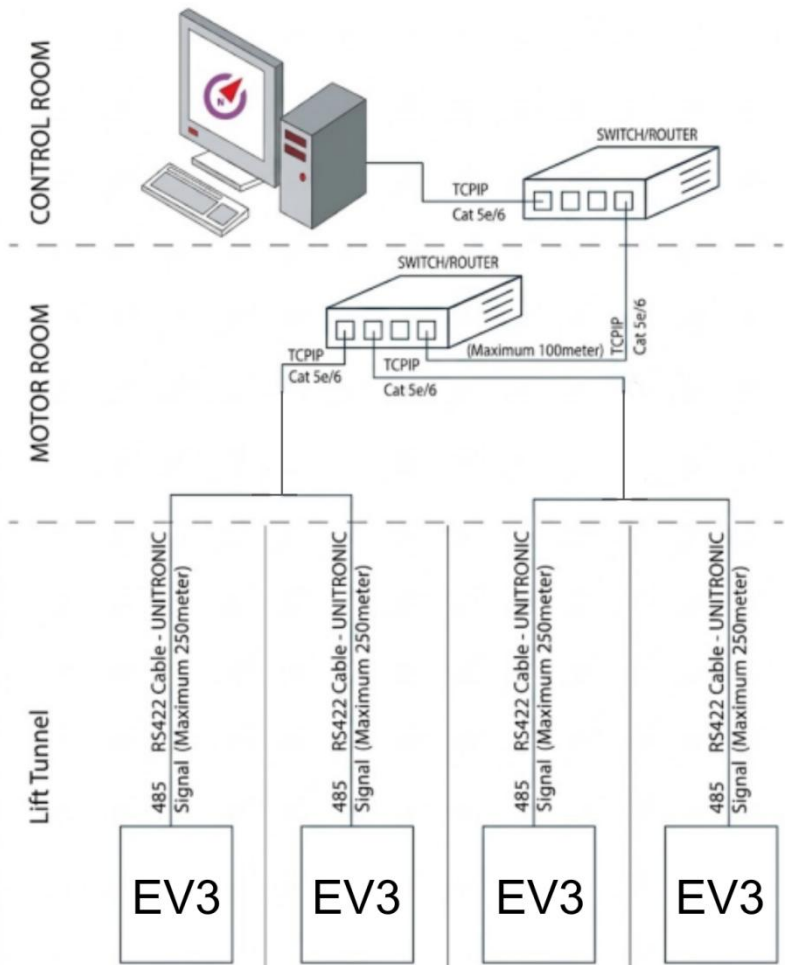
**Please consult our technical specialist for more information on proper wiring to ensure no data loss over long distance.

Connection Architecture

Standard Installation Setup



Multi-System Deployment



*Network Switch not Included in package

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