

SPECIFICATION



EX1 Face Recognition Lift Access



EX1 Face Recognition Lift Access

Description

Authorized floor for each user is programmed into FR320 through MagEtegra ME-ACS software. Support up to **16,000 faces** and **16 floors (max 64 floors)**. Add MAC416 to support additional 16 floors. Big LCD touch screen allows easier and more user friendly menu-based setting of the reader. Multiple EX1 connect via TCPIP network to ME-ACS for centralized management. Operator can specify when (time zone), which level and which elevator (door group) user can access.

User gets into the elevator car and scans their face on the FR320 installed on top/beside of the floor buttons panel. 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.

Ordering Information

Qty	Parts
1 pcs	FR320 face recognition reader
2 pcs	MPW0115 - wireless network extender
1 pcs	AR725E V2 lift access interface
1 pcs	MAC416 16 relay output interface
1 pcs	AR321L485 5V interface
2 pcs	MAG Metal box w/ cam-lock (build-in power supply w/ indicator)
2 pcs	NVS1215A - Regulated 12V DC, 1.5A adaptor
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
1 pcs	Protection fuse
2 pcs	12V DC Relay with base

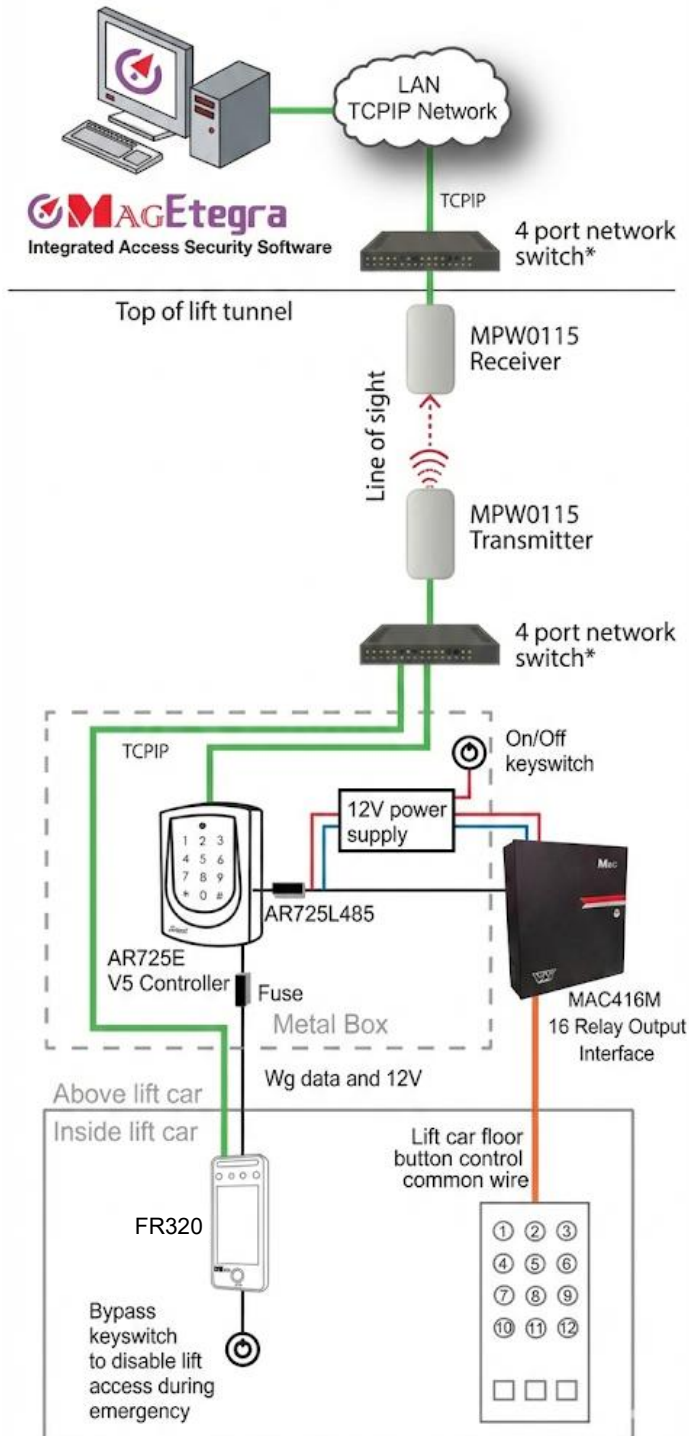
Further Upgrade Recommendation via:

- Package does NOT include the 4 port network switch.
- Use MagEtegra Pro Basic for multiple EX1 over TCPIP LAN network.
- Add a MAC416 interface board to support additional 16 floors. Each EX1 can support maximum 64 floors (4 x MAC416).

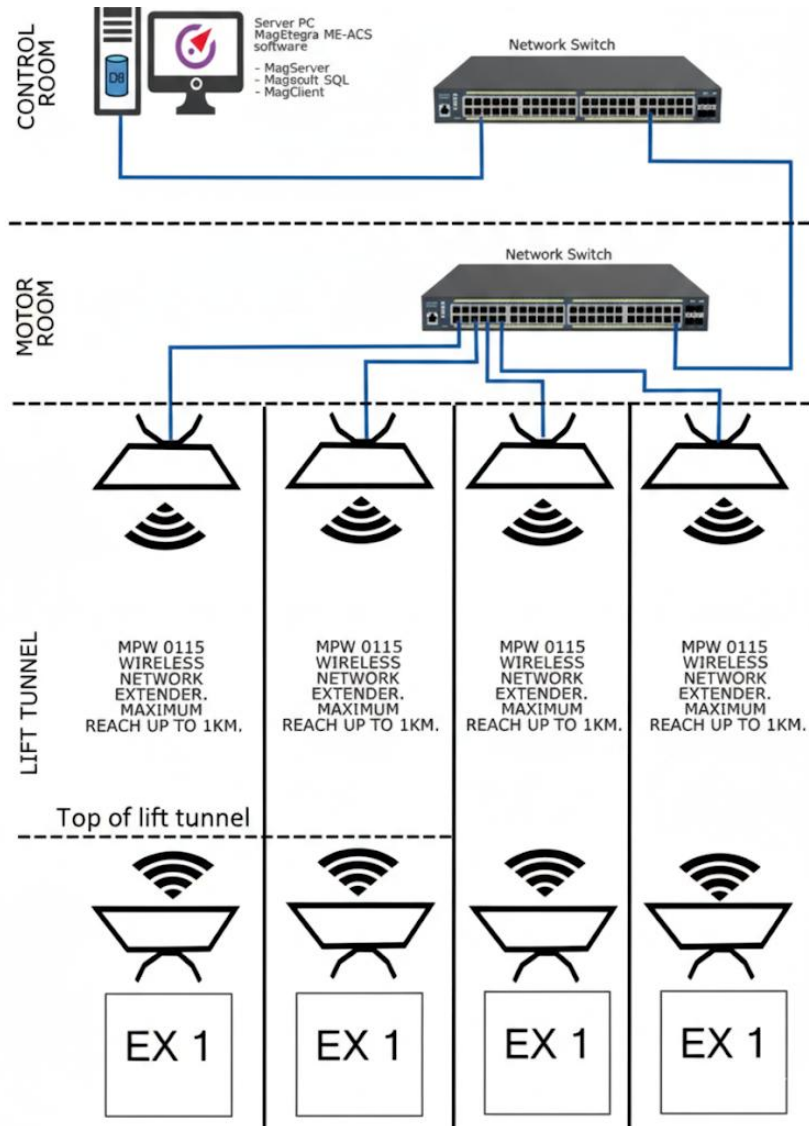
****Please consult our technical specialist for more information on proper wiring to ensure no data loss over long distance.**

Connection Architecture

Standard Installation Setup



Multi-System Deployment



© COPYRIGHT 2026. This documentation served as a reference only. It is subject to change without further notice. All the diagrams and information in this documentation may not be duplicated or modified in any form without the written approval from the management.