Panasonic IP Intercom Systems

SINGLE HOME APPLICATION

EOS

IP Video Intercom

IP Camera

SIP Phone

NVR

Door Station

VL-VN1500AZ

Pure IP door station with a wide-angle camera and RFID reader. Simple and sleek design.

Main Features

- **Wide-angle camera**
  - Wide view of 113° degrees (horizontal), 69° degrees (vertical)
  - 1.3 M pixels provide a clear image
- **E-lock unlocking function**
  - Unlock the individual doors by using an IC card (Built-in MIFARE RFID)
  - * Relay box is required when connecting an E-lock to the door station. (VL-RLY1 is sold separately)
- **Standard PoE is supported**
  - Power can be supplied via Ethernet cable (PoE)
  - Power Supply Unit also available (VL-PS240 is sold separately)

Other Features

- Night vision with white coloured LED lights
- Theft detection buzzer

Room Monitor

VL-MN1000AZ

Pure IP room monitor with 7-inch wide LCD and touch screen.

Main Features

- **7-inch wide LCD with capacitive touch screen**
  - Provides a clear image on the wide screen
  - Accurate and smooth operation via a capacitive touch screen
- **IP camera monitor**
  - Monitors various areas using a Panasonic Network Camera (Supported devices: Panasonic i-PRO series, E-series)
- **Standard PoE is supported**
  - Power can be supplied via Ethernet cable (PoE)
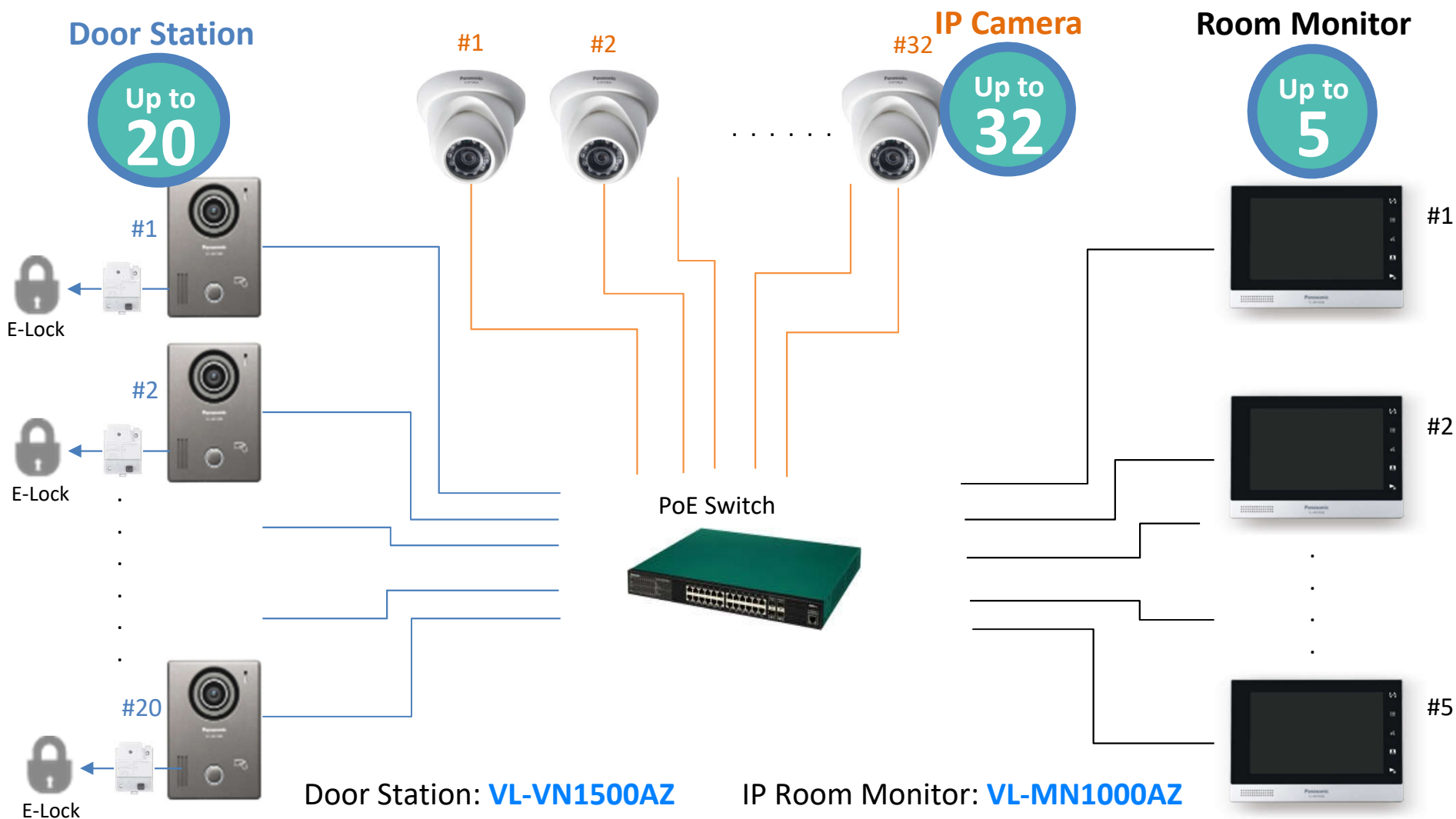 - Power Supply Unit also available (VL-PS240 is sold separately)

Other Features

- Video messages from the Lobby Station: up to most recent 50
- Manual recording (videos): up to most recent 50
- Auto/manual recording (still images): up to most recent 100
- E-lock unlocking (both individual and public doors)
- 5 sensor inputs (emergency/urgency button and other sensors) and 1 door bell input

EOS

System Diagram

■ **It is a simple system without Lobby Station.**

Door Station

Up to **20**

#1
E-Lock

#2
E-Lock

.
.
.
.
.

#20
E-Lock

#1   **#2**   **#32**   **IP Camera**

. . . . . .

Up to **32**

Room Monitor

Up to **5**

#1

#2

.
.
.

#5

PoE Switch

Door Station: **VL-VN1500AZ**

IP Room Monitor: **VL-MN1000AZ**

EOS

Single Home Panasonic IP intercom systems

Usage 1 : Calling from Door Station

■ **Up to 5 Room Monitors are ringing at the same time**

IP Camera

#1 #2 #32

Door Station

#1

E-Lock

#2

E-Lock

#20

E-Lock

PoE Switch

Room Monitor

#1

#2

#5

Room Monitor record the visitor's snap shot picture into the memory automatically.

Door Station: **VL-VN1500AZ**   IP Room Monitor: **VL-MN1000AZ**
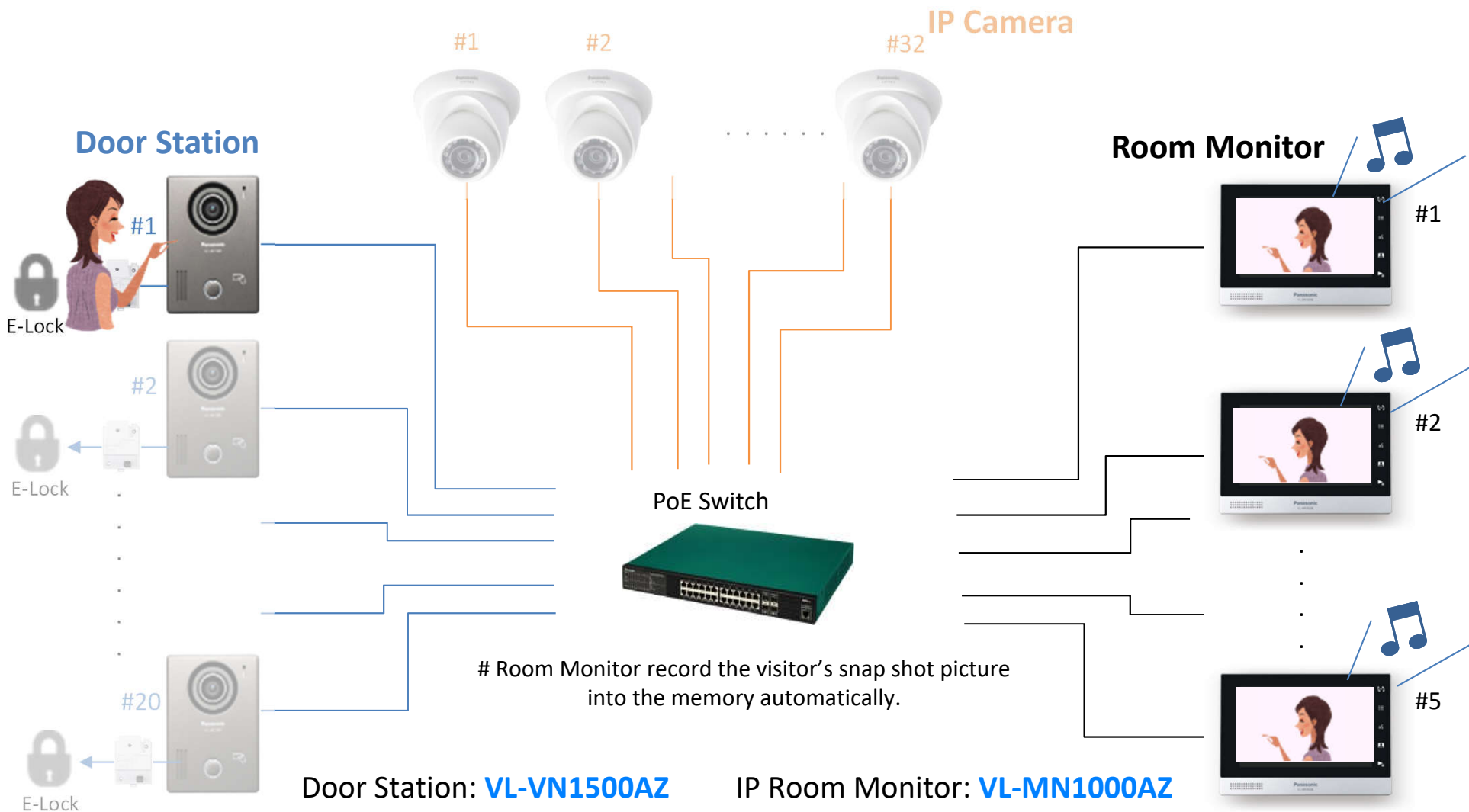
Single Home Panasonic IP intercom systems

Usage 2 : Talking between Door Station and Room Monitor

■ **Room Monitor can check the visitors face and unlock the E-Lock.**

IP Camera

#1   #2   #32

Door Station

Unlock
#1
E-Lock

#2
E-Lock

#20
E-Lock

Room Monitor

Unlock
#1

#2

#5

PoE Switch

Relay box is needed between E-Lock and Door Station.

Door Station: **VL-VN1500AZ**   IP Room Monitor: **VL-MN1000AZ**
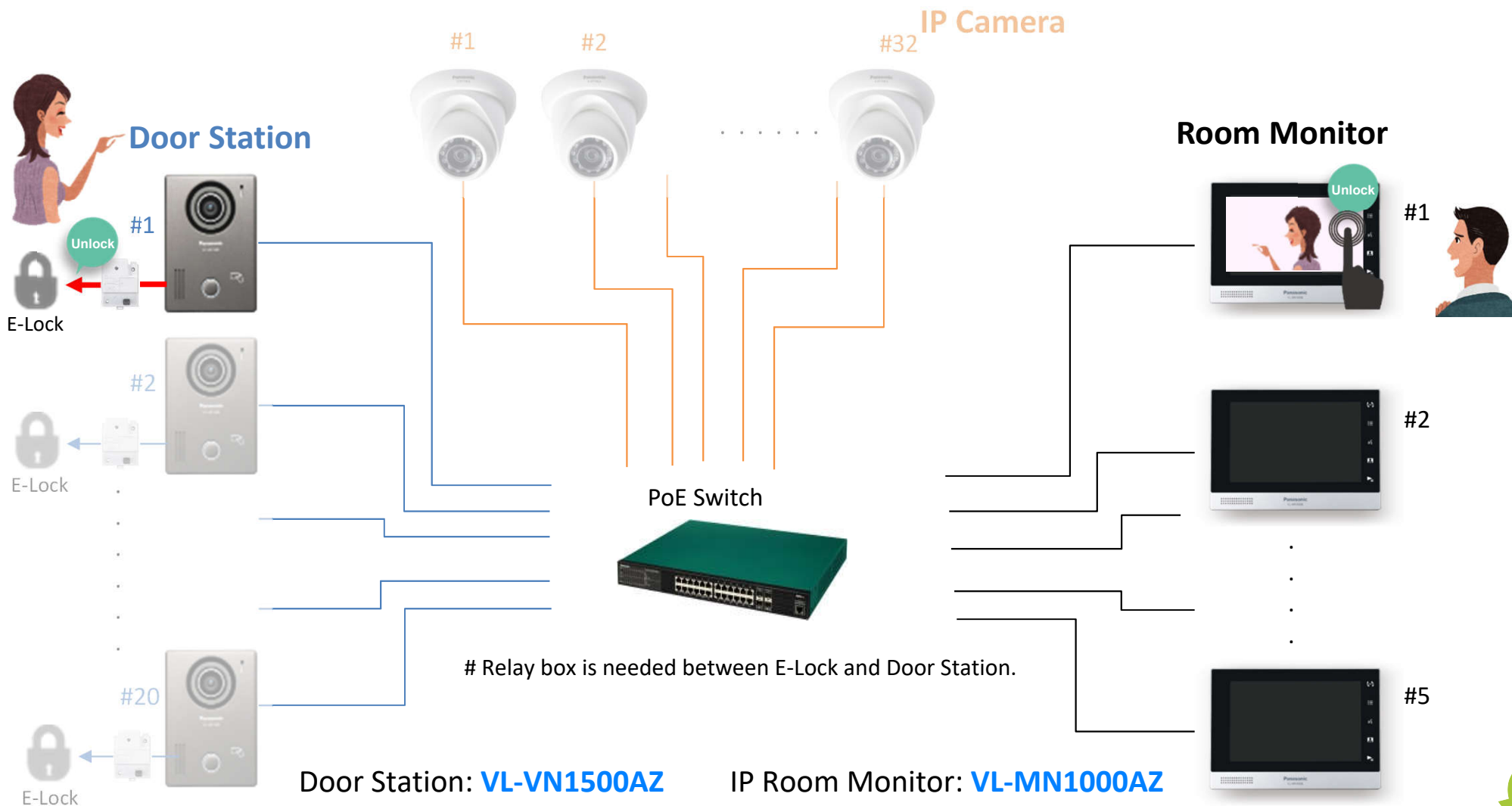
EOS

Usage 3 : Monitoring the Door Station and IP Camera

■ **It can support multiple monitoring.**

Door Station: **VL-VN1500AZ**   IP Room Monitor: **VL-MN1000AZ**

After monitoring the Door Station, Room Monitor can start talking to the Door Station.
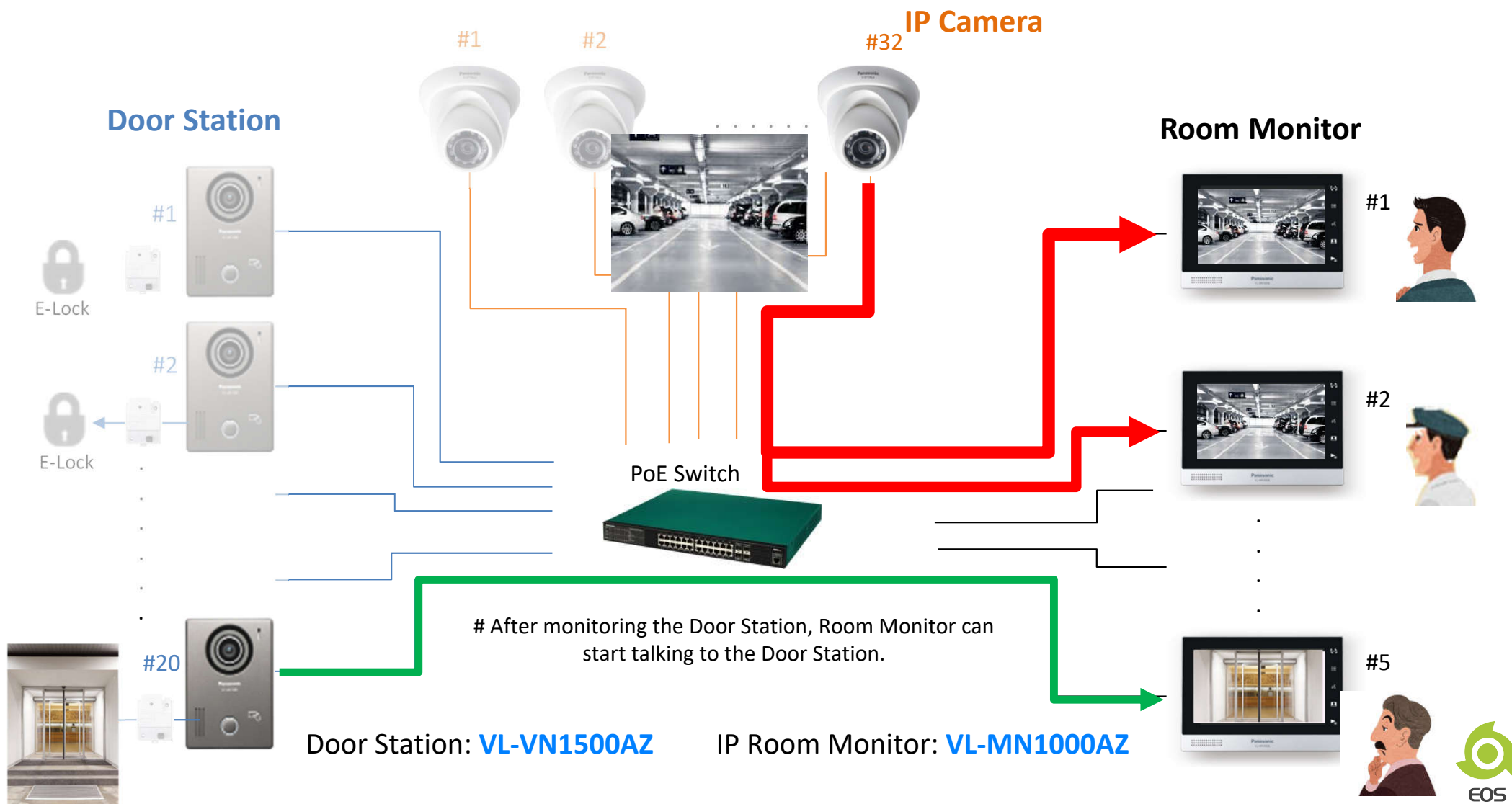
Single Home Panasonic IP intercom systems

Usage 4 : Flash the card and unlock the E-Lock

■ **When unlocking, Date and Card information are recorded into the log file.**

IP Camera

#1   #2   #32

Door Station

Room Monitor

#1

Unlock

#1

E-Lock

#1

#2

E-Lock

#2

#20

After monitoring the Door Station, Room Monitor can start talking to the Door Station.

E-Lock

#5

Door Station: **VL-VN1500AZ**   IP Room Monitor: **VL-MN1000AZ**