

# **SAM Device Catalogue**





- **INTELLIGENT ACCESS SYSTEM**

SAM smart home users can access the doorlock and security system through a variety of smart methods conveniently and efficiently while assuring the user with a reliable and effective security system synced into the home's smart features.

- **ENVIRONMENTAL AND LIGHTING**

SAM smart sensors can be conveniently placed anywhere that can be linked to the home's lighting and security system to help provide a reliable secured environment while ensuring energy efficient living conditions.

- **SERVICE MANAGEMENT SYSTEM**

SAM smart home users can easily monitor and view the status of their home or office and access its smart features realtime while being mobile. Further, the system is also voice command ready via Alexa or Google Assistant.

- **INDOOR LIGHTING SYSTEM**

SAM can provide users a variety of smart methods conveniently to control their indoor lights while enabling them to customize different lighting scenarios to help enhance their living conditions from brightness preferences and lighting schedules anytime of the day.

- **INDOOR SECURITY CONTROL**

SAM smart health and safety sensors can be conveniently placed anywhere that can be linked to the home's smart system to help provide a safe and reliable secured environment while by providing realtime monitoring with notifications .





# THE SMART OFFICE

- **SMART LIGHTING SYSTEM**

The intelligent office lighting system can provide dual modes of basic office lighting and scene lighting, and automatically detect indoor light intensity, which not only ensures sufficient lighting requirements for the office environment, but also enables effective energy-saving management.

- **ACCESS SECURITY SYSTEM**

SAM can provide a variety of smart methods conveniently and efficiently while ensuring a reliable and effective security system synced into the office's smart features. Further, realtime monitoring with notifications can be conveniently accessed via mobile which is available on iOS or Android.

- **ENERGY OPTIMIZATION SYSTEM**

SAM can also improve office energy consumption efficiency by syncing all SAM devices from it's lighting devices, aircon controls and security and safety sensors/ devices. Because of this, the office will be able to schedule and react to realtime conditions towards achieving energy efficiency usage while having realtime mobile access, monitoring and notifications.



# SAM Light Switches

Enables to control the lights manually and remotely via the mobile app.

- This smart switch replaces the conventional light switch and is plug and play since it has no neutral wire
- Can be linked to schedules and sensors for safety and security
- No more rewiring required



Dimension: 116 x 70 x 35mm

In-wall Size: 71(L) x 45(W) x 26(H)mm

Working Temperature: -10~50 °C

Working Humidity: ≤85%RH

Output:

Incandescent lamp 300W/gang.max

Fluorescent lamp 150W/gang.max

Input: AC 100V-240V 50/60Hz

Wireless Protocol: ZigBee 3.0 (IEEE 802.15.4)

Transmit Power: 19dBm

Receiving Sensitivity: -100dBm

Communication Distance: >300m (Open area)

Control Method: Manual control, Intelligent control



# SAM Dimmer Switch



Dimension: 116 x 70 x 35mm

In-wall Size: 71(L) x 45(W) x 26(H)mm

Working Temperature: -10~50 °C

Working Humidity: ≤85%RH

Input: AC 100V-240V 50/60Hz

Wireless Protocol: ZigBee 3.0 (IEEE 802.15.4)

Transmit Power: 19dBm

Receiving Sensitivity: -100dBm

Communication Distance: >300m (Open area)

Control Method: Manual control, Intelligent control

- Dims dimmable LED lights manually and via the SAM mobile app
- Dimming features are also available via voice command under Alexa or Google Assistant
- Maintains last brightness intensity when turning on the switch



# SAM Smart Outlet with USB

Smart Wall Socket plugs in your appliances such as television, chargers, electric fans, aircon, coffee maker, etc. Appliances plugged in the sockets can be controlled using your smartphone or tablet even when outside your home or office.



| Item                | Spec                                               |
|---------------------|----------------------------------------------------|
| Product Name        | SAM Smart Socket with USB                          |
| Storage Temperature | -20~65°C                                           |
| Storage Humidity    | 5%~85% RH                                          |
| Standby Consumption | <2w                                                |
| Input               | AC 100V - 240V (L&N input) 50/60hz                 |
| Output              | AC 100V -240V, 15A Max, 3500W Max, USB: DC 5V 2.4A |
| Type                | Smart Socket with USB                              |
| Switch Control      | Via Button and SAM Mobile App                      |
| Protocol            | IEEE802.15.4 2.4GHz                                |
| ZigBee              | ZigBee 3.0                                         |
| Color               | White                                              |
| Plate Dimension     | w: 2.75 inches x tall 4.5 inches                   |



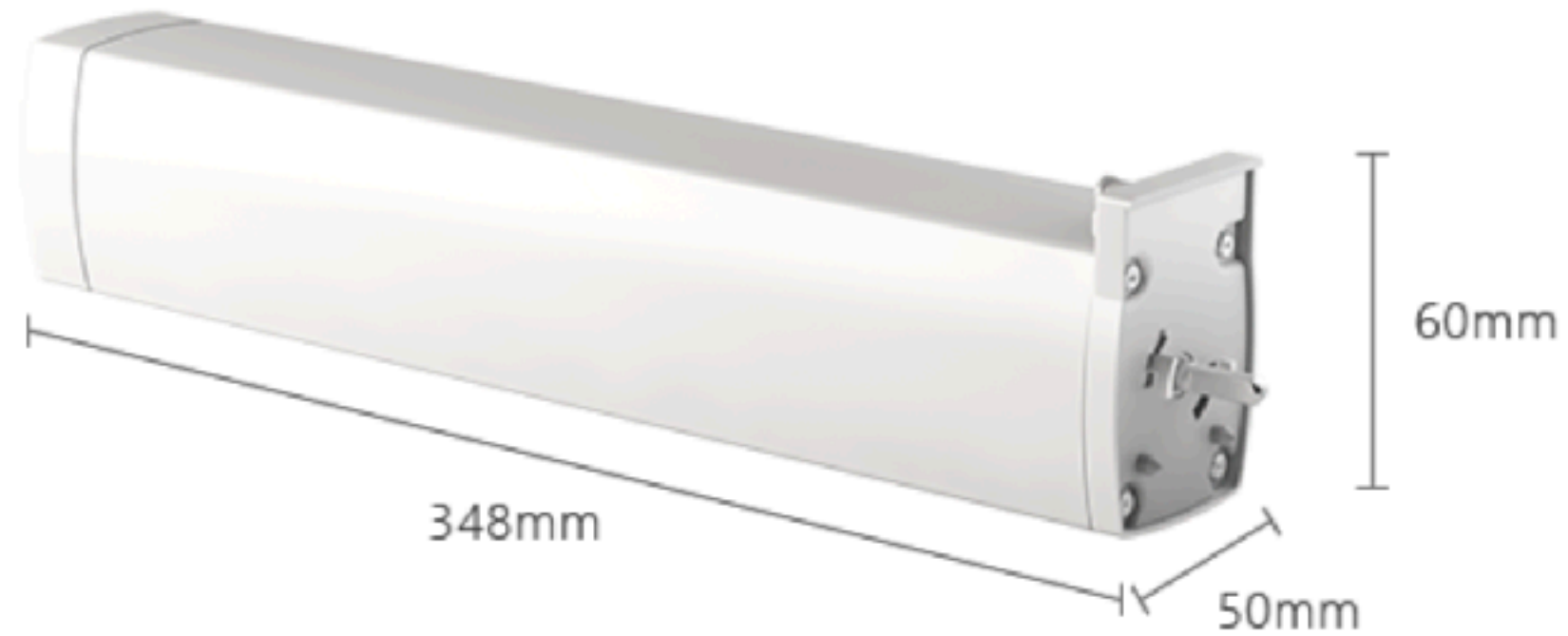
# SAM 2 Gang Curtain Switch



- The device can control 2 curtains or roller blinds.
- Enables the user to remotely operate the curtains or blinds via the SAM mobile app while having a manual access as well
  - Available via iOS and Android
  - Available via Google Assistant and Amazon Alexa for voice assisted access.



# SAM Curtain Motor



Smart Curtain Motor

- This connects to the motorized curtain track
- Enables the user to remotely operate the curtains via the SAM mobile app.
  - Available via iOS and Android
  - Available via Google Assistant and Amazon Alexa for voice assisted access.

## Product parameters

Dimensions: 348\*60\*50 (mm)

Operating Temperature: -10°C to +55°C

Operating Humidity: 5%~85% RH

Stand-by Power Consumption: <0.5 w

Input Voltage: AC 100~250 V 50/60 HZ

Rated Torque: 1.2 NM

Output Speed: 100 rpm

Operating Speed: 14 cm/s

Rated Power: 13 W

Rated Current: 0.13 A

Operating Voltage: 24 V

Wireless Standard: Zigbee 3.0/IEEE 802.15.04 2.4 GHz

Casing Material: Aluminum alloy + Flame retardant PC protection grade IP40

Executive Standard: GB 12350-2009





# SAM Smart Sensors



## Motion Sensor

Model: KK-BS-J01W  
Dimension: Diameter 50\*53mm  
Input: 3V(CR123A, 1400mAh)



## Scene Button

Model: KK-TQ-J01W  
Dimension: 60\*60\*14mm  
Input: 3V(CR2450\*1, 620mAh)



## SOS button

Model: KK-QSOS-J01W  
Dimension: 60\*60\*14mm  
Input: 3V(CR2450\*1, 620mAh)



## Entry Sensor

Model: KK-DS-J01W  
Dimension Main Part: 55\*32\*11.3mm  
Magnetic column: 40\*10.4\*8.3mm  
Input: 3V(CR2450, 620mAh)



## Siren

Model: KK-VA-J01W  
Dimension: Diameter 75\*35.3mm  
Input: AC 220V  
Follow-up after power failure: >4h



## Water Leak Sensor

Model: KK-WA-J01W  
Input: 3V(CR123A, 1400mAh)  
Water level alarm height:  
0.5mm (Without double-sided tape thickness)



## Environment Sensor

Model: KK-ES-J01W  
Dimension: 60\*60\*15.3mm  
Input: 3V(CR2450\*1, 620mAh)  
Temperature accuracy:  $\pm 0.5^{\circ}\text{C}$   
Humidity accuracy:  $\pm 5\% \text{Rh}$



## Smoke Sensor

Model: ZX-SA-J01W  
Dimension: 70mm\*70mm\*29mm  
Working Voltage: DC 3V(CR123A)  
Measuring range: 50 square meter  
Stability: Long-term working alarm  
concentration error  $\pm 5\% \text{LEL}$



## Gas Sensor

Model: KK-GA-J01W  
Dimension: 66mm\*66mm\*29mm  
Working Voltage: DC12V(AC 220V Adapter)  
Temperature accuracy:  $\pm 0.5^{\circ}\text{C}$   
Humidity accuracy:  $\pm 5\% \text{Rh}$   
Alarm concentration: 8%LEL, Deviation  $\pm 3\% \text{LEL}$   
Detect gas type: Methane (natural gas)

- All sensors:
  - links to all smart devices and sends mobile notifications once triggered
  - provides logs of triggered events for historical references
  - can reliably run independently even without internet once set, programmed and assigned schedules for automation.



# SAM Alarm (Siren)



|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| Unit size: $\Phi 75 \times 35.3$ mm, fireproofing PC                                                |
| AC 220V and has built-in Li battery for backup that can work up to 4 hours without 220V power input |
| ZigBee: IEEE802.15.4 ZigBee3.0 2.4GHz                                                               |
| Wireless Communication distance: $\geq 300$ M (open area)                                           |
| Receiving sensitivity: $< -100$ dBm                                                                 |
| Can be plugged conveniently to any socket                                                           |
| Built-in 500mAh Li battery as backup                                                                |

- All sam sensors / devices can be linked to this alarm (Siren) and can also reliably run independently even without internet connection once all devices are set, programmed and assigned working schedules and tasks.
- Provides audible deterrent sound and realtime mobile notifications via the SAM App



# SAM Smart A/C Control (IR Blaster)

## IR Remote Control

- 🏠 Scene Modes
- 📱 App Control
- 🔗 Smart Linkage
- ⌚ Timer
- ☁️ Cloud Codebase



Power Input:

USB Micro DC 5V/1A

Wifi Standard:

802.11 b/g/n, 2.4GHz

Remote Control Distance:

< 15m

Transmission Power:

20dBm

Working Temperature:

-10°C to +40°C

Item NO:

HUB-RCL HUB-RC

Links to all appliances with IR like Aircon, TVs, etc to able to be access via the mobile app

Additional Descriptions:

- Can be placed conveniently anywhere in the house
- Has a 360 degree reach



# SAM Smart Doorlock



| Item                            | Description                                                                        |
|---------------------------------|------------------------------------------------------------------------------------|
| Brand Name                      | SAM                                                                                |
| Special Features                | Anti-Peep Code,Built-in Screen, Tamper Alarm, Wrong-Try Lockout, APP remote unlock |
| Data Storage Options            | Cloud, Memory Card, Mobile phone                                                   |
| Product Name                    | App Smart Lock                                                                     |
| Unlocking                       | APP / Biometrics/ PIN /NFC / Key                                                   |
| Material                        | Aluminum Alloy                                                                     |
| Door thickness                  | 38-90mm                                                                            |
| Size                            | 360 x 75 x 22mm                                                                    |
| Power supply                    | 4 AA Batteries                                                                     |
| Lock bravery rating             | Class B anti-theft lock core                                                       |
| External emergency power supply | 5V1A Micro USB                                                                     |
| Screen                          | OLED display                                                                       |
| App name                        | SAM Premier                                                                        |
| OS Compatability                | iOS / Android / Alexa / Google Home                                                |

Secured with 4 deadbolts and mobile notifications for access and security  
Open the door lock via the Mobile App, PIN, NFC, Biometrics, and a physical key



# SAM Local Remote (Scene Button)



| Features                                          | Specs                                     |
|---------------------------------------------------|-------------------------------------------|
| Controls connected devices at a touch of a button | unit size: 60*60*14mm                     |
| 4 mode / favorite scenes                          | ZigBee: IEEE802.15.4 ZigBee3.0 2.4GHz     |
| Customizable device                               | communication distance: ≥300M (open area) |
|                                                   | Receiving sensitivity: <-100dBm           |

- Local wireless remote
  - all sam devices linked to this local remote, can reliably run independently even without internet connection once all devices are set, programmed and assigned schedules for automation.



# SAM Hub (Main Central Control)



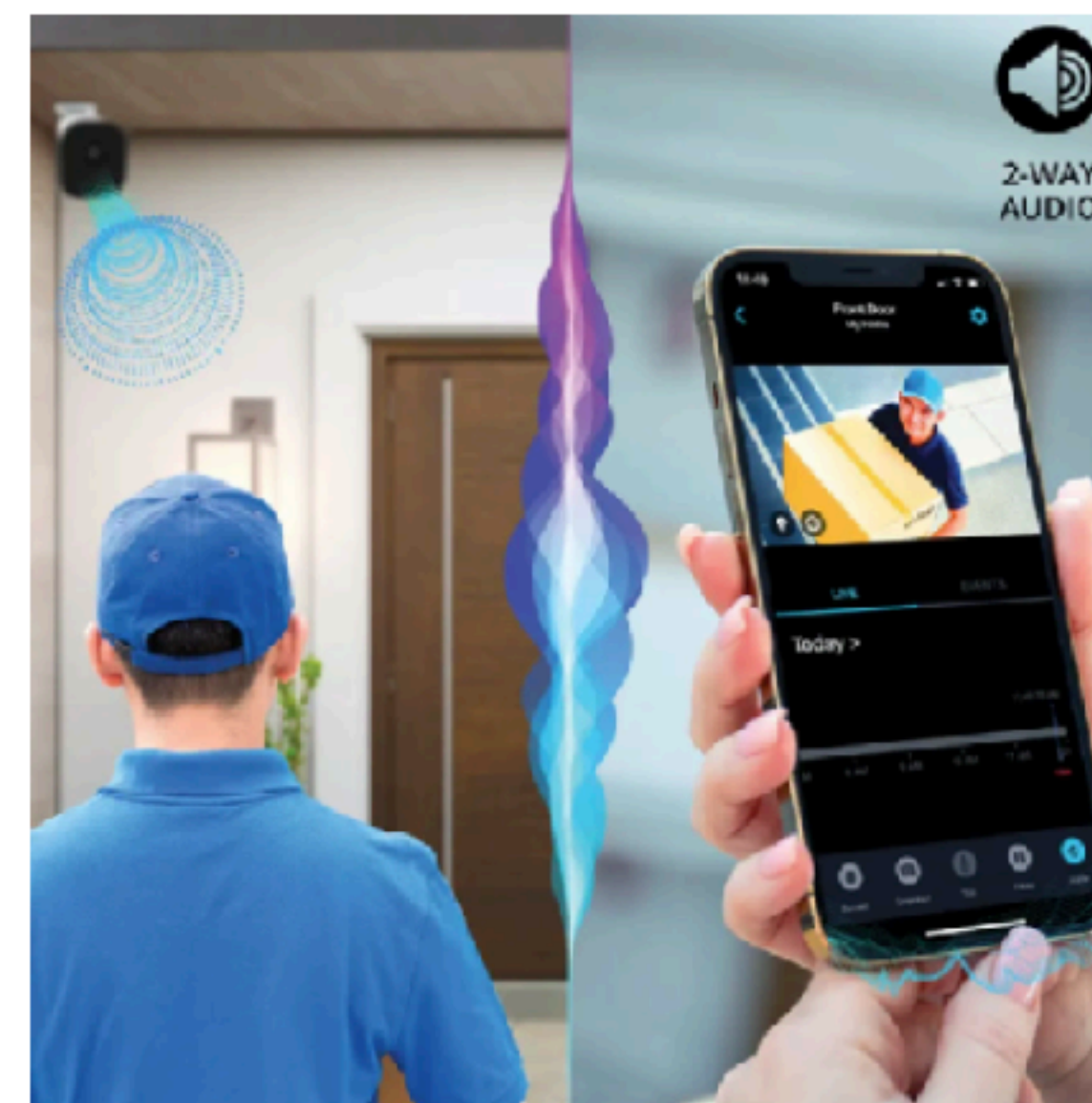
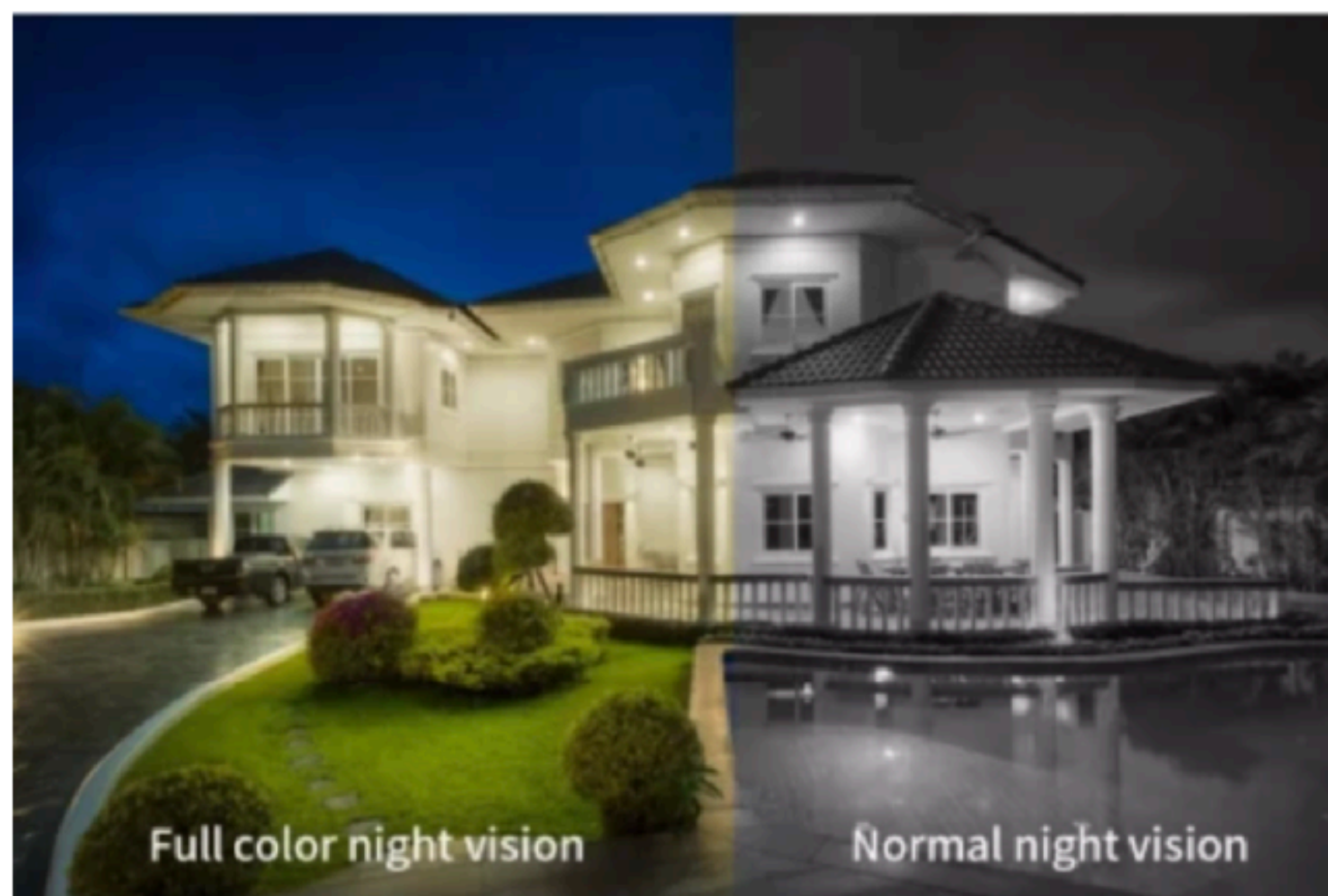
- The brain of the whole system
  - All sam devices links to this hub, once linked, all devices can be accessed via the SAM Premier mobile app
    - Available via iOS and Android
    - Available via Google Assistant and Amazon Alexa for voice assisted access.
  - Can reliably run independently even without internet once all devices are set, programed and assigned schedules for automation.



# 8CH POE CCTV System



- 8pcs 5MP HD Cam;
- Supports ONVIF;
- Supports 2D/3D noise reduction;
- Advanced H.265 video compression technology
- Ultra-low bit rate
- High-definition image quality
- Intelligent - infrared sensors for day or night - full color multiple modes
- Supports two-way audio
  - Each camera is equipped with mic and speaker for remote two-way communication
- Support P2P, phone alarm push
- Expandable up to 2 Terra-byte of storage



## SAM Automation Device Price list

| Devices                         | Description                                                            | Price  |
|---------------------------------|------------------------------------------------------------------------|--------|
| One (1) Gang                    | Light Switch                                                           | 3,520  |
| Two (2) Gang                    | Light Switch                                                           | 3,535  |
| Three (3) Gang                  | Light Switch                                                           | 3,830  |
| 3-Way Switch                    | Light Switch                                                           | 3,830  |
| Dimmer Switch                   | Light Switch                                                           | 3,830  |
| Dimmer Driver                   | LED Light Driver                                                       | 10,300 |
| IR Blaster                      | A/C, TV, Cable Box, Etc Controller                                     | 1,785  |
| Motion Sensor                   | Detects motions                                                        | 1,945  |
| Contact Sensor                  | Detects door and window openings                                       | 1,855  |
| Blinds motor                    | Motorized roller blinds                                                | 10,900 |
| Curtain motor                   | Motorized curtain                                                      | 12,225 |
| Motorized curtain track         | Curtain track                                                          | 2,190  |
| Two (2) Gang Curtain Switch     | Automated curtain switch                                               | 4,230  |
| Smart Socket                    | 2 gang smart outlet with USB port                                      | 3,285  |
| Alarm                           | Audible alarm system                                                   | 4,085  |
| Leak Sensor                     | Detects water leakages                                                 | 3,830  |
| Temp, Humidity and Light Sensor | Monitors realtime room environment conditions                          | 4,830  |
| Flamable Gas Sensor             | Detects harmful gas presence                                           | 4,085  |
| Smoke Sensor                    | Detects smoke                                                          | 4,170  |
| Smart Door Lock                 | Can be opened, using PIN, Biometrics, NFC, Mobile App and physical key | 20,750 |
| Scene Button                    | Local remote to access the wireless system even without internet       | 2,455  |
| Hub                             | Central brain of the system                                            | 9,435  |

