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# 1. CAMS IQ

## 1.1. Halls, Conference Rooms, Lobby Areas, Reception Areas,Dining Areas...

CAMS (Common Area Management System) is a control system designed for the automation of common areas in hospitality projects. It encompasses the control of lighting (on/off, dimming, and shading), HVAC (heating, cooling, and ventilation), access control, and all other devices that benefit from integrated management.

## 1.2. Components and Order Codes

| Component | Order Code | Schematic |
|---|---|---|
| Access | CR-D1-B | CR-D1-B |
| Electromagnetic Lock | EL-B | EL-B |
| Temperature Sensor | ES-W2-WH | ES-P |
| TGP + TGP-S | TGP-4A-01-IQ / TGP-S | TGP-S |
| Bus Coupler | CAD-BC | CAD-BC |
| IEX-2 cable | CAD-Px | CAD-Px |
| HVAC Controller | FC | FC |
| Motion Sensor | IR-R-IW-WH | IR-R-IW-WH |
| Opening Sensor | MOS-03-HD-WH | MOS-03-HD-WH |
| Light | | Light |
| Light switch | | Light Switch |
| Hotel Room Controller | MC-24-H1 | MC-24-H1 |
| Power Supply | HDR-30-24 | HDR-30-24 |
| Linker | IOT-L3-3 | IOT-L3-3 |
| Light controller | LC-10-IQ-MK2 | |
| LC-DC | LC-DC2 | |
| Wireless module | WD-1 | |

### 1.2.1. 1. ACCESS – Advanced Digital Access

Enhances security and convenience across shared and service areas.

- Centralized access control for corridors, staff zones, meeting rooms, and facilities
- Support for multiple access technologies, including QR, RFID, NFC, Bluetooth, and PIN code on TGP
- Flexible authorization levels for guests, staff, and maintenance personnel

- Real-time event logging and synchronization with the S-RMS WEB App
- Seamless integration with GRMS room access logic

#### 1.2.2. 2. HVAC – Comfort & Efficiency

Extends intelligent climate management beyond guest rooms.

- Centralized control of temperature, ventilation, and air quality in corridors, lobbies, and halls
- Presence- and schedule-based optimization for improved energy efficiency
- Automatic adjustment based on occupancy and booking data
- Unified supervision and control from the reception desk or building management system
- Scalable integration with any HVAC device type

#### 1.2.3. 3. LIGHTING – Ambience & Control

Provides unified lighting control for public and functional spaces.

- Scene-based lighting control for corridors, meeting rooms, and common areas
- Automatic adjustment of brightness and color temperature based on time of day or event type
- Integration with presence sensors for greater energy savings and comfort
- Central monitoring and scheduling through the reception interface
- Harmonized design and functionality aligned with guest room lighting

#### 1.2.4. 4. Energy management – EV Charging for Guests & Operations

Expands energy management to include EV charging and power distribution.

- Intelligent management of EV charging stations and power outlets
- User identification via GRMS access credentials or mobile interface
- Load balancing and prioritization based on occupancy and demand
- Real-time monitoring and reporting of energy usage
- Optional integration with PMS and billing systems for automated guest charging