Robotina d.o.o.
OIC Hrpelje 38
SI-6240 Kozina
Slovenia

1. CAMS IQ

1.1. Halls, Conference Rooms, Lobby, Reception, Dining Room...

1.1.1. (all hospitality building areas outside standard guest room GRMS scope)

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