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

1. CAMS IQ

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.

1.1. 2. CAMS IQ – Standard Room, Suite, Apartment or Glamping with Integrated Access, HVAC, Lighting, Shading & EV Charging

1.1.1. 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
- Multiple access technologies supported (QR, RFID, NFC, Bluetooth[GK5.1], PIN code on TGP)
- Flexible authorization levels for guests, staff, and maintenance
- Real-time logging and synchronization with the 4S Cloud
- Seamless integration with GRMS room access logic

1.1.2. 2.HVAC - Comfort & Efficiency

Extends intelligent climate management beyond guest rooms.

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

1.1.3. 3. LIGHTING - Ambience & Control

Provides unified lighting control for public and functional spaces.

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

1.1.4. 4. CHARGING - EV Charging for Guests & Ops

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 according to occupancy and demand
- Real-time energy usage monitoring and reporting
- Optional integration with PMS / billing systems for automated guest charging