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

CAMS IQ

Standard Room, Suite, Apartment or Glamping with Integrated Access, HVAC, Lighting, Shading & EV Charging

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. 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 4S Cloud
- Seamless integration with GRMS room access logic

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

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

4. CHARGING – 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