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

1. GRMS - Budget

1.1. Functionalities

Room mode	The operation of devices (HVAC, lighting, power, shades, etc.) adjusts according to the room status (vacant, rented, guest in room, etc.).	✔
Door bell	The doorbell is triggered on the panel outside the door and signals on the touch panel inside the room.	✔
Smart presence	Presence is detected in a non-invasive manner using an entrance door sensor and a motion sensor in the room.	✔
DND/MUR	DND / MUR is triggered on the touch panel in the room and displayed on the Assa Abloy panel in front of the room, as well as on the web application at the reception or back office.	✔
SOS	The functionality of SOS call is integrated into the room touch panel and is signaled on the web application at the reception or back office.	✔
Fire alert	A sudden rise in temperature can also serve as a warning of a potential fire. The alarm is displayed on the touch panel in the room and on the web application.	✔
Power supply management	Two-tier device power management. “Booked” devices are powered on when the room is rented, while “guest” devices are powered only when the guest is in the room.	2×
Ventilation	Ventilation operates in conjunction with the bathroom lighting (with a delayed on and off) and periodically when the room is not rented.	1×
Wake-up alarm	The wake-up alarm function is integrated into the touch panel and allows for a comfortable wake-up by opening the shades and turning on preset lights.	✔
Lights	The welcome light automatically turns on when a guest enters the room. The rest of the lighting is powered off when the room is empty.	5×
HVAC	The heating and cooling system adjusts to the room's conditions to provide a high level of comfort to guests, while maximizing energy savings when the room is unoccupied or not rented out.	✔
Access management	Access control allows easy and comfortable access for guests and authorized personnel using QR codes, RFID cards, or by entering a PIN code on a keypad integrated into the touch panel located at the entrance.	✔

1.2. BOQ

Label	Description	Order code	qty/room
MC	Master controller	MC-230-W	1 ×
FC	Fan-coil controller	FC-1-IQ	1 ×
PS	Power supply 24 VDC	PS-30-24	1 ×
TGP	Touch panel	TGP-4A-01-IQ	1 + 1 optional

Label	Description	Order code	qty/room
ES	Temperaure sensor	ES-W-OW-WHITE	1 ×
MS	Motion sensor	IR-C6-LC	1 ×
EL	Electric door lock	EL-ST	1 ×

Wiring diagram