

Standard room variants

General description

This section describes the standard GRMS room variants used as reference configurations for HIQ Hospitality projects.

Each variant defines a typical room automation setup, including the main controller, access control, room panel, HVAC control, lighting, blinds, sensors, communication modules and connection to the central HIQ/S-RMS system.

Detailed wiring, I/O allocation and project-specific adaptations are defined in the corresponding electrical scheme and technical documentation.

Room variant overview

Variant	Page	Main controller	Short description
V1	V1 - MC-24 Full Room	MC-24-H1	Base full GRMS room with access, room panel, FC-1-IQ, lighting, blinds, sensors and energy-saving logic.
V1.1	V1.1 - MC-24 Full Room + LC-10	MC-24-H1	Extended full room with LC-10 module for additional lighting circuits and blinds.
V1.2	V1.2 - MC-24 Full Room + RS485	MC-24-H1	Full room with additional RS485 / Modbus communication through CAD-232.
V1.3	V1.3 - MC-24 Full Room + LC-10 + RS485	MC-24-H1	Extended full room with both LC-10 expansion and RS485 communication.
V2	V2 - MC-24 Direct HVAC	MC-24-H1	Simplified MC-24 variant where outputs are used directly for HVAC control.
V3	V3 - MC-230 RS485 HVAC	MC-230-01	Compact room variant with integrated RS485 and direct IEX connection.
V3.1	V3.1 - MC-230 RS485 + EnOcean	MC-230-01	MC-230 variant with RS485 and EnOcean wireless sensor option.

Notes

- These variants represent standard reference configurations.
- Final I/O allocation may be adjusted according to project requirements.
- Electrical schemes and controller programs should be prepared based on the selected variant.
- Additional variants can be added if required by future project configurations.