



CASE STUDY

LUXURY VILLAS
SARRIÀ, BARCELONA

2021

Binnendijk 40
9130 Beveren, Belgium



ABOUT

Application Type: Residential (6 Single-Family Villas)

Location: Calle Saüc 12, Barcelona

Date: September 2020

Promoter: Bonavista Developments

Architect: Damian Ribas Architecture

Engineering: Ecoinstec Enginyeria

Electric Installer: Elecnor

System Integrator: Sumtel Management and Telecommunication

BONAVISTA
Developments

DAMIÁN RIBAS
ARQUITECTURA

Ecoinstec
Enginyeria

In the exclusive Sarrià neighborhood, six magnificent city villas rise on the hillside, almost touching the sky.

SAÜC 12 is the highest development in Barcelona, just minutes away from the city center.

Built in an impeccable style and absolute privacy, the villas of SAÜC 12 are perfectly integrated into the Mediterranean landscape.

CHALLENGE

In these 6 single-family villas project there was a need to manage in each one of them the control of different functions within the home system, such as: 56 blind and shutter motors, 12 underfloor heating zones and 9 Mitsubishi Electric air conditioning zones, flood, smoke and gas technical alarms, intercom inside the houses and video door entry communication with the external units and of course the lighting and general scenarios that needed to be integrated as well.

SOLUTION

Thanks to the beautiful design provided by the MyHomeUp system with the Living Light series from BTicino, we could integrate both aesthetically and functionally the different challenges posed by the project.

By using the LN4661M2 actuator, each blind and shutter can be controlled independently, allowing also to generate groups by rooms and floors. 4 button user interfaces have been installed to perform the light and scenario functions as well as the floor and house general on/off.

With the Bticino probes the temperature is measured individually in the different zones. The relay actuators take the control of the heating, where the cooling is done via driver manager (F459) and a driver license. This way the user can keep on using the traditional easy control options in his project (locally and also from remote connection).

It is exactly for this driver support and commissioning that Legrand Integrated Solutions team stepped in and offered their intervention and expertise. During this Covid19 period they managed to commission and test this installation in Spain by remote connection directly from their home offices in Belgium.



Safety was just as important in this project and this was taken care of by a general lighting protection but also by the use of the F481 and F483 integration interfaces for implementation of technical flood alarms in wet areas, gas detection in the kitchen and boiler room, as well as smoke detection and water pump status.

MyHomeServer1 server enabled the integration of the entire system into a one single app to ensure the owners a more comfortable and enjoyable daily home stay.

BENEFITS

- Elegant and polished design
- High functionality
- Easy customization
- Simplified system programming according to the needs

