



A TECHNOLOGICALLY ADVANCED APARTMENT

Homeowners create an entertainment heaven that gives them complete control.

The tallest building in Tianmu, Huagu Tainzhu, has a view of Yangmingshan and Taipei city that appears to transcend heaven and earth. For their new apartment, the homeowner and their family wanted an innovative home solution with simplified control over the entire residence.

NAME OF PROJECT:

Huaku Sky Garden

REGION:

APAC

DEALERS:

MEGATRONIC INTEGRATED
SYSTEMS CO.



THE CHALLENGE

The homeowner needed a control system that could command different technologies within the apartment with pre-set scene preferences for necessary equipment to be switched on when the homeowner arrives home or switched off when they leave the apartment. It was important to have an intuitive control panel that everyone in the family could use, and options for future room set-ups.

THE SOLUTION

To meet the homeowner's expectations, several Crestron solutions were brought together to create an all-encompassing system. The integration included powerful high-performance control processors, media streaming solutions, lighting control modules, and touch screens.

"WE WERE CONFIDENT THAT WE COULD MEET ALL THE REQUESTS OF THE APARTMENT OWNER AS WE HAVE PROVEN THAT CRESTRON SOLUTIONS ARE CAPABLE AND RELIABLE OF WITHSTANDING ALL OF THEIR ASKS."

Ivan Guo
*Senior System Consultant,
Megatronic Integrated Systems Co.*



THE TECHNOLOGY

For the ease of entertaining, the homeowner wanted the ability to switch to different sources in various spaces of the apartment. Crestron DM NVX® AV-over-IP technology connects all audio and video sources with a reliable, high-performance encoder/decoder that distributes content with no perceptible latency or loss of quality. The owner can easily switch the different TVs, projectors, computers, and stereo sources to his preferred space. While entertaining, the homeowner can modify what media is shown on each screen and where the audio is played.

For ease of control, the homeowners use a Crestron handheld wireless remote to turn on the TV and stereo system, switch to AppleTV® streaming media, Cable TV, or NAS (Network Attached Storage), and even adjust the lights, shades, and HVAC. A button is also integrated into the remote to call for help if needed. A few customized pre-sets have been programmed into the homeowner's touch screens to automate activities and simplify their life at home. Besides the wall-mounted keypads, the homeowner can also control all home devices via the Crestron App, regardless of time and place. "We incorporated the call button into the remote with our elderly relative in mind. Customizing the Crestron remote was a high priority for us to have a single center of control," says Ivan.

"BY USING THE CRESTRON DM NVX SOLUTION THAT TRANSPORTS ON STANDARD ETHERNET, WE WERE ABLE TO FUTURE-PROOF THE NURSEY FOR SUBSEQUENT NEEDS AS REQUESTED BY THE HOMEOWNER."

Ivan Guo

*Senior System Consultant,
Megatronic Integrated Systems Co.*



One goal for this space was to implement a system feature that would adjust shades based on environmental changes to protect the home's leather furniture from strong sun exposure. As a frequent traveler, the homeowner enjoys the designated "Travel" pre-set, which enables the system to close the shades between 1:00 pm to 4:00 pm daily to block when no one is home to monitor the sunlight.

"THE CORRIDOR LIGHT WILL AUTOMATICALLY TURN ON WHEN MOTION IS DETECTED. WE HAVE PROGRAMMED THE BRIGHTNESS ACCORDING TO 'DAYTIME, 'NIGHTTIME,' AND 'MIDNIGHT' TO PROVIDE APPROPRIATE BRIGHTNESS TO THE SPACE."

Ivan Guo
Senior System Consultant,
Megatronic Integrated Systems Co.



RESULTS

The homeowner and his family have been delighted with the system, especially the user interface. The system is intuitive and user-friendly for the entire family.

Featured Products

4-Series™ Control System
CP4

10.1 in. Touch Screen
TSW-1060

DM NVX® 4K60 4:4:4 HDR Network AV
Encoder/Decoder with Downmixing
DM-NVX-351

Handheld Remote
HR-150