

BLACK ROCK RESIDENCE

PROJECT DETAILS

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| Build Time: | 2 years |
| Completion: | April 2017 |
| Size of Home: | 80sq (Four-storey) |
| Contract Type: | Client appointed |
| Points of note: | Awarded for Best Residential project by Master Electricians 2017 and CEDIA 2018 |



PROJECT SCOPE

With a client focus on security and remote access Argus Technologies were engaged to provide a complete automated home solution with control from a single app. Key project items included:



NETWORKING

- Fully Managed Ubiquiti Unifi Network
- 4 x Unifi Wi-Fi Access Points, for full home wireless connectivity and 48-Port POE Network switch
- Network infrastructure consisting of 2 x 42RU Data Racks and 72 x Cat6 Data Points



CONTROL SYSTEM

- Control4 Home Automation platform
- Single App, with remote access provides integration and control of Lights, Shades, HVAC, Security, Access Control, CCTV, Audio/Video and Pool equipment.



LIGHTING

- Clipsal C-Bus Lighting control system with 128 x lighting circuits
- Saturn C-Bus Switches as standard, with eDLTs in all bedrooms and living areas.
- Motion sensors and timers to secondary areas, with lighting scene integration into both Security and Control4 systems



SECURITY & ACCESS

- Ness M1 Security, with motion sensors and external door reeds throughout
- Access Control system with 3 x Door controllers and external access keypads
- Key-fob remote control of alarm, garage door and car turntable
- 5-Channel Analogue CCTV system
- Control4 DS2 IP Video Intercom with 3 x Touchscreens and remote access



SOUND & ENTERTAINMENT

- Control4 HDBaseT Video Matrix distributing 5 Video Sources to 7 Televisions
- 5.1 Home Theatre system to main living area
- Control4 Audio Matrix distributing 12 Audio Sources to 14 Audio Zones.
- 28 in-ceiling/in-wall speakers, plus landscape audio system with 8 Garden speakers and subwoofer.



COMFORT & CONVENIENCE

- 10-zone HVAC system fully integrated into Control4
- 21 x C-Bus controlled motorised blinds.
- Full control of sweep fans, bathroom heaters and Alfresco Strip heaters via C-Bus/Control4



GENERAL ELECTRICAL

- Wiring, supply and installation of all home electrical infrastructure
- 2 x Custom built switchboards and Integration with third-party provided battery back-up/solar system
- 64 x PowerPoints, 200 x Light fittings, 6 x Sweep Fans, 4 x Heat Strips, LED Strip lighting and wiring to all Kitchen appliances, Lift, Pool, Sauna, Turntable and HVAC.
- 10 x Point ducted vacuum system

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