

## Italian Luxury and Superior Automation

This installation is a Leviton System (specifically the Leviton Omni Pro II model: 20A00-21IT) It has 8 expansions zones (model 17A00-8) and 4 more expansions (model 10A06-1) providing comprehensive management of numerous different alarms for a sophisticated security system.

Additional components are a Two-Way Voice Module (10A11-1), and three units of the Touchscreen OmniTouch 7 (99A00-1).

This installation also consists of 12 consoles (31A00-1) and a perfect example of an integrated Leviton multisource audio system with 16 audio zones.

The system is made of 5 switchboards distributed in different controlling locations. In every switchboards there are power supplies, IP interface and different modules for automation control with a Gateway for the integration of Leviton controller with HDL BUS System.

There are also 125 drapes used for window frames, every one motorized and with a mosquito net (250 motors); 89 HDL panel control, 58 DLP unit with display (model: DLP Switch EU MPL8.48) and 31 unit panels with 8 buttons Switch EU (model: MP8B.48).



In each switchboard there is also 140 modules installed for the lighting management (MR0810.432, MR1210.433, MR1610.433, MR0816.432, MR1216.433 and MD0602.432 - MDLED0605.432 for LED control and management).

The project has a high performance Wi-Fi system with 12 Access Point and Ruckus Controller.

The project includes white GP Tecno Crystall Touch Screen unit developed using Leviton BitWise Project Editor software. The GUI provides visual representations of the house in different levels and also the single buttons for an easier management. There are pages for the energy management, photovoltaic system with production and consumption (product installed: 4Noks) and even more.

The integration includes 2N Full IP video entry and programmable HP ProCurve Layer3 switch for the Networking with GBic attacks for fiber derivations. Four fiber derivations allow the connection with star center. In the cinema room there are PTN 8x8, NAS QNap, Epson beamer and more. TVCC Full IP Megapixel and Alarm system complete the realization.

All functionality and control is accessible either locally or remotely by Smartphone and Tablet.

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### Leviton Parts Used

Part#	Product Name	Quantity
20A00-21IT	OmniPro II – Board Only	1
17A00-8	Expansions zones	8
10A06-1	Expansions zones	4
10A11-1	Two-Way Voice Module	1
99A00-1	OmniTouch 7 Touchscreen - White	3
31A00-1	Omni Console	12
BWBC1-0NT	BC1, Intl Power Supply, 8 IR ports, 4 RS232, 4 GPIO, 4 Relays, 1 IR input	1

### Integrated Parts Used

HDL Bus system	
HDL panels control	
DLP unit	89
Switch	58
Wi-Fi system	
Access Point	
Ruckus Controller	12
Gp Tecno Crystall Touch screen	12
PTN	
Nas QNap	
Epson	
TVCC Full IP Megapixel	

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