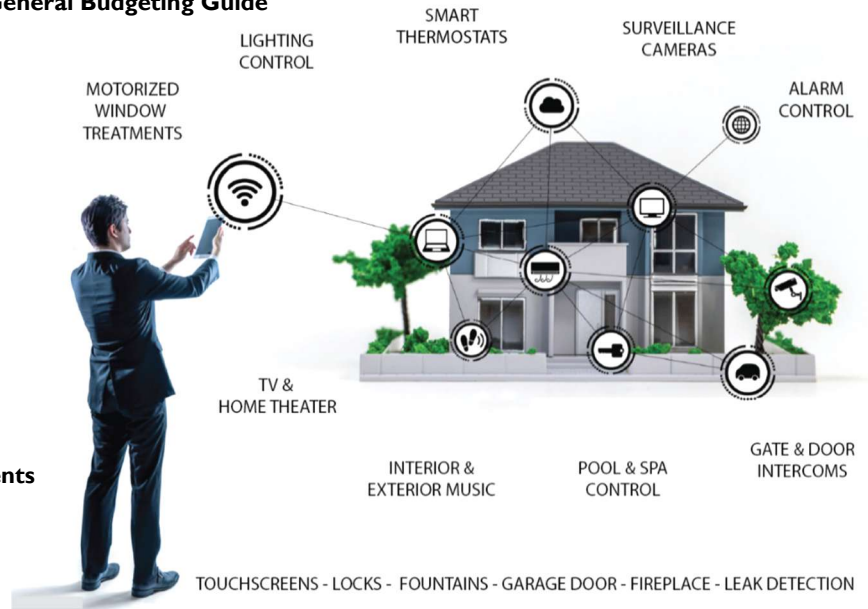


ELEGANT AND INTUITIVE CONTROL OF YOUR SURROUNDINGS SINCE 2002

Smarthome Systems Overview and General Budgeting Guide

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1) Overview

While the term 'smart home' can mean many things, our favorite approach allows for several noteworthy benefits:

- A single app to control all your home's systems
- The ability for a single button – such as a “Goodbye” button on a lighting keypad by your garage entry – to turn off your home with a single touch
- Our systems are based on the most trusted, tried and true home control systems in the world (Lutron, Control4, Savant)
- You have a professional firm with a nearly 25-year record of excellent service to rely on when you need support, including options for 24/7/365 remote support

To get started the basis of today's smarthome is the home network and the main processor that is coordinating the communication between devices. Once the network backbone and local processor are installed, all the control options listed herein become a menu of options. There are often wireless solutions available but whenever practical we prefer hardwiring for reliability, especially when it comes to the network, speakers, cameras, and TVs.

An entry level controller and supporting network starts at approximately \$1500 + tax for hardware and usually at least a few hours of our time at \$150/hour. Larger homes and systems tend to start closer to \$3200 + tax for hardware and have higher labor requirements for the system and infrastructure that vary by situation and are estimated in our quotes.

When you reach the point that you're ready to start putting budgets together, we have a few options.

Option 1: Email us a description of the scope of work at info@gizmo-la.com

Option 2: Fill out our project intake form at <http://gizmo-la.com/proposal>

Option 3: Give us a call to discuss your project details at [310-474-9774](tel:310-474-9774)

2) Network Backbone

Desc: The home network is the backbone for all the system communications and is of a similar grade to those used in small business environments. The core elements are the network router and the network switch. In most cases we use a "POE" version of network switch that can power the devices that are connected it such as wifi radios, cameras, and in-wall touchscreens.



3) Control Processor

Desc: The control processor is the brain of the system and is responsible for coordinating all communications. The entry level processor is \$940.99. The mid-tier processor, which is sufficient for most mid-sized homes, is \$1720.99. Higher end processors for larger projects are also available.



4) Wifi

Desc: As a rule of thumb one wifi radio is used for every 800 – 1000 square feet or so of interior space. We try to locate these in discreet spots, preferably on a ceiling. These start at \$220 per unit and this component has a health monitoring component that reports its status to a cloud monitor. Optional flush, in-ceiling mounts as shown below center are available for \$160. Weatherproof wifi radios (below right) for exterior yards range from \$399 to \$649..



5) Music

Desc: Distributed music comes in a variety of formats. The most basic option is to have a pair of in-ceiling speakers in interior zones or in covered patios. Exterior garden speakers are often installed in the landscaping and are powered by equipment in the ADU. In some cases surface mount speakers are also used to provide outdoor audio. The amplification and control of each audio zone typically starts at \$800 to \$1100 per individual zone and becomes most efficient in multiples of four zones. A 4-zone music system is approximately \$600 per zone. The speakers themselves typically start around \$200 per speaker.



6) Surround Sound Systems & TVs:

Desc: A basic surround system with 3 front in-ceiling speakers or a soundbar, 2 rear in-ceiling speakers, a subwoofer, receiver and remote control will typically have an entry level starting point around \$4800 - \$5200. Smart remotes for basic TV systems start at \$279.99.



7) Lighting Control

Desc: The entry level smart dimmer (below, left) is \$106 per unit and usually requires around \$40 in labor for installation and programming for each unit. The standard dimmer with backlit engraving is \$170 per unit and shown below at center left. Multi-button keypads with engraved scene buttons as shown below center right start at \$249.99. Outlet dimmers for lamps are available starting at \$109.99.



8) Heating and Air Conditioning Control

Desc: Most clients are best off using a Nest thermostat, which we can later connect in programming. If we provide the Nest Thermostat, we typically use the Pro version at \$249.99. The Control4 branded option pictured below right is \$435 per unit.



9) Surveillance Cameras

Desc: We recommend surveillance cameras that are connected to a surveillance NVR with backup power. In some cases customers request interior cameras as well, which can be exposed or hidden in motion and smoke detectors. Cameras typically start at \$289. Camera recorders start at \$1099.



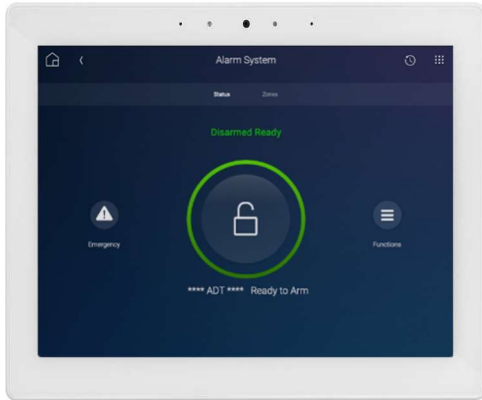
10) Motorized Window Treatments

Desc: Motorized window treatments vary by window size but can range from \$1000 for smaller windows to over \$3000 for large windows. We primarily recommend Lutron Shading and have other lines available. Wired and wireless options are available.



11) Alarm System Control

Desc: Accessing the property alarm system from the control app can be helpful in many cases. The alarm system bridge is installed at the main alarm panel and typically runs \$300 - \$475.



12) Pool & Spa Control

Desc: Accessing the pool and spa controls is a popular request. Pool & spa integration in most cases can be done in programming for less than \$150.



13) Connected Door Locks

Desc: Motorized locks can offer both a convenient way to access the property as well as the ability to ensure that the door stays locked when not in use. Connected locks start at \$349.



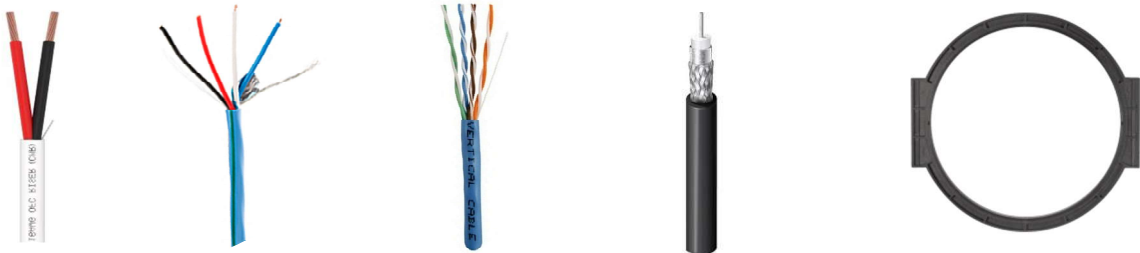
14) Touchscreens & Intercoms

Desc: In-wall and tabletop touchscreens allow for global control of the entire property. Can be used to easily grant access to guests at a gate, see cameras, select music, adjust climate controls, adjust shades, adjust lighting and access all other functions available on the system. 8" and 10" versions are available starting at \$1349 per unit. Door and gate intercoms start at \$600 per door.



15) Low Voltage Wiring Rough-In

Desc: In addition to bringing in service, low voltage wiring is necessary for speakers, TVs, touchscreens, wifi radios, cameras, motorized window treatments and other features. Typical budgets for low voltage wiring range from \$6,000 to \$12,000.



16) Add-On Features and Associated Budgets

- Remote reboot equipment for key components (typically \$70 - \$130 per device)
- Fireplace Control (typically \$350 - \$500 per fireplace)
- Fountain Control (typically \$260 - \$320 per fountain)
- Irrigation Controls (typically \$200 - \$400 per eight valves)
- Leak Detection (typically \$260 - \$300 per location)
- Water Main Shutoff (plumber required, please inquire for further details)
- Virtual Trip Wires for Exterior (typically \$1000 - \$1500 per boundary)
- Connected Smoke and Carbon Monoxide Detectors (typically \$300 per unit)
- Outdoor Heater Control (starts at \$300 per heater)
- Ceiling Fan Control (starts at \$320 per fan)
- Motorized Skylight and Window Control (starts at \$110 per control)

17) Our Favorite Capabilities and Custom Programming

Brass Alisse Keypads



TV's, projectors and projection screens that disappear when not in use

Smart Remotes



Speakers – interior and exterior - that provide immersive sound ultra-discreetly or even invisibly

Antique brass engraved lighting keypads

Lighting programming that mimics your nightly habits while you are away from home to give the impression you are home every night.

TV Soundbars custom-built to the exact width of your television.

Motorized blinds that descend from a hidden pocket



A home alarm connection that instantly turns on all the lights at the property if the alarm is triggered

Motorized Art for TVs



TV's hidden behind motorized artwork and 2-way mirrors

Double-roller blinds with blackout and sheer shades that operate on a schedule based on sunrise and sunset times.

An “Away” button that upon pressing turns off the house lights, hvac and AV systems – as well as lowers the shades and arms the alarm.

Wifi systems that blanket every inch of your property, inside and out.

Status LEDs on light keypads that indicate key house statuses, such as “Garage Door Open” or that the alarm is armed.

Laser curtain beams that protect key boundaries of the property with alerts and floodlights

Cameras with built-in sirens and PA system that allow homeowners and remote security guards to engage suspicious activity.

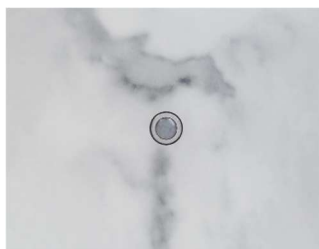
Remote controls that make operating TVs and surround systems intuitive and simple

Pinhole occupancy sensors that are barely visible while adding convenience and efficiency

Small Aperture Speaker



Pinhole Occupancy Sensor



Active Deterrent Cameras



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ABOUT US



"By and large if you can imagine it,
Gizmo can make it a reality."
Greg Shukov, President

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...Live better. Enjoy more. Feel secure. Let technology improve how you live so you have more time to enjoy life. That's why Gizmo Custom Solutions exists - to connect the dots between how you live and what we can do to remove tedium and add joy.

With more than two decades of experience and hundreds of residential technology projects implemented in the finest homes in Los Angeles, San Francisco and throughout the West Coast, we understand that your time is a precious commodity. Let's make the most of every second.

CONTROL



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Your wish is your command.

A smart environment makes your life simpler, safer and more relaxing and helps regain time to use as you desire. When your home recognizes you, it can then smartly set your desired conditions. Be in control of your home no matter where you are.

- ∞ Unlock or secure all doors, gates and passageways
- ∞ Create room scenes with lighting
- ∞ Adjust climate and water features
- ∞ Your music and shows on command
- ∞ Simplified one-button operation or voice controls

NETWORK



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The world comes to you at your calling.

The automated residence is its own web of connected devices that are constantly communicating with each other. A proper connection is a necessity.

We are experts in network design and getting the necessary cabling done for your tasks today and for the future.

- ∞ Enterprise-grade hardware and design
- ∞ Parental controls
- ∞ Layer 3 core switches
- ∞ High-security deployments
- ∞ Superior coverage, impressive wireless speeds
- ∞ 24/7 remote monitoring, upgrades and service

SAFETY



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Breathing creates serenity. So does your peace of mind.

We assist your well-being with a smart integration of complimentary technologies, to deter an incident before it happens, grant access and to see and speak with guests. Our systems combine an easy-to-use interface that can be accessed wherever you are.

- ∞ Smart cameras
- ∞ Keyless entry
- ∞ Gate systems
- ∞ Virtual trip wires
- ∞ Video doorbells
- ∞ Facial recognition
- ∞ Room monitoring
- ∞ Paging and intercoms

LIGHT & SHADE



The sun when you want, and shade when you don't.

Light defines your space, the colors, shapes, and textures. Paint with your light. Design your world. We anticipate your mood throughout the day by letting in the sun or filtering its light with privacy window treatments. Environmental integration works to optimize temperature and humidity as well. Our fully smart homes adjust light, shade, climate, and your water environments to be in tune with you.

- ∞ Lighting and interior design
- ∞ Elegant fixtures and controls
- ∞ Preset scenes to match how you live and entertain
- ∞ Sensors turnoff lights in unoccupied rooms
- ∞ Motorized shades and drapes for windows, skylights and doors
- ∞ Custom fabric selections
- ∞ Smart thermostats and sensors
- ∞ Water feature, bath, pool and spa control

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VIDEO



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Magical, disappearing displays

Hidden video entertainment systems are our specialty. Displays disappear into furniture, ceilings, or can double as a mirror, a photo slide show or even framed artwork. When the TV is not 'on', you can select from a series of famous artwork, or even your own, to display on the screen. Other variations come with a sliding fabric print that covers the TV screen when not in use and rolls up when you watch your favorite shows and movies. A 165" video wall that folds into your floor? Of course...

- ∞ Streaming video for any room
- ∞ Mirror/TVs, Artwork/TVs, Photo Slideshow/TVs
- ∞ Roll-up and fold-up video displays
- ∞ Theater-sized high-resolution video walls
- ∞ Water-resistant TVs for bath, shower and spa
- ∞ Weather-resistant TVs for outdoors

AUDIO



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Music makes the mood

Hidden speakers and streaming music are the perfect compliment to a perfect room. Your systems let you stream from online services like Apple Music, Pandora, Spotify and Rhapsody. Listen to music in your library, all controlled right from your iPhone or Android. High-performance music systems utilize equipment from the great designers around the world. We custom-fit each and every component to match your décor and the acoustics of your listening environment.

- ∞ Streaming video for any room
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MEDIA ROOMS



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To relax, to enjoy, to experience

Our home theaters, media rooms and outdoor entertainment spaces are designed to take into account the available light, shape, size and acoustic properties of the room, whether inside or outside. We enhance your experience with the finest surround sound systems for a totally immersive experience for you and your guests. Each system component is chosen and programmed to your space for the best results. Our background in high-performance video and film-quality reproduction ensures you of the most magical performance.

- ∞ Cinema-sized screens and spectacular surround sound
- ∞ Hidden speakers and screens
- ∞ Full media rooms for any space
- ∞ Gaming systems
- ∞ Acoustics and room design
- ∞ Indoor and Outdoor
- ∞ Control by voice



System Design & Documentation

Our design team will create a detailed proposal encompassing all aspects of your unique requirements. Our designs consider emerging technologies and ensure that your home is future-proofed and will keep your home's technology relevant for years to come. After acceptance of the proposal, we will create a set of documents for our team that clearly describes the plan, the work, and the specific equipment we will be using to complete your vision.

Project Management

Throughout the entire project, from design meetings to the finish phase, a project manager will oversee every aspect of the installation from scheduling, working with your contractor and other trades to assure adherence to the design and quality control.



System Installation

Our professional team of technicians bring your design to life. Our master technician's have a minimum of 10-years experience and is regularly trained by certified. You can rest assured that every cable and device is properly installed, tested, and calibrated for the best possible performance.

Custom Programming

Our approach to programming if focused on creating simple and intuitive systems that keep complicated functions in the background and an easy-to-use, award-winning interface in the foreground. We build-in expansion and upgrade capability to keep your system at peak performance for years to come.



24/7/365 support services

The day we complete your installation is the day we start the next phase of our relationship. That's when our performance plans activate and bring the ongoing peace of mind of having 24/7/365 support. It is our responsibility to be sure all the bits and pieces that make up your technology solution operates as good today as tomorrow, and for years to come. We take care of system integrations, programming, software, networks, connectivity to your internet service, as well as diagnosis, troubleshooting, monitoring, updates, and maintenance. Additionally, we schedule periodic health visits to clean, calibrate, update, and run performance checks on your system for continual, optimum performance.

CONTACT

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Marin County and
neighboring areas

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