Z-Wave Alliance

Discover New Opportunities with Z-Wave Technology!
Z-Wave Makes Any Home a Smart Home…. quickly, easily and affordably!

What is Z-Wave?
- Radio frequency (RF) communication system used in a variety of residential applications
- Uses 900 MHz wireless technology for interference-free operation in Wi-Fi environments
- Plug and play compatibility
- Creates an integrated home system
- Available for lighting, access control, door locks, thermostats, security products and more

Why Offer Z-Wave?
- New RMR opportunities
- Perfect for retrofit and new installations
- Reliable & scalable
- Simple to install and program

What Growth Opportunities are Available?
- Enabling energy management and access control applications with Z-Wave devices has become one of the hottest opportunities in the retrofit and new construction markets
- Energy management applications that utilize Z-Wave technology include thermostats, lighting controls, and automated scheduling
- Access control applications feature secure system integration with Z-Wave door locks
- Remote access, messaging, and reporting options can be added to these packages and can often double the RMR potential
The Z-Wave Alliance is an open consortium of over 160 manufacturers who create products and services based on Z-Wave, the standard in wireless control.

The Z-Wave Alliance membership is comprised of industry leaders from across the entire spectrum of the home controls market. They share a common consensus and a common goal - to provide advanced yet practical systems that deliver increased comfort, convenience, safety and security.

Z-Wave products and applications fall into every conceivable area of control for residential and light commercial environments. These include lighting, HVAC and security control, as well as home theaters, automated window treatments, pool and spa controls, garage and access controls and more. Z-Wave is also at the forefront of green energy conservation technologies, allowing automated meter readings and enhanced demand management.

Each Z-Wave product must pass a stringent conformance test to assure that it meets the Z-Wave standard for complete interoperability with all other devices and controls. The Z-Wave identity mark assures consumers, integrators, dealers and manufacturers that their products will reliably perform with any other Z-Wave device.

For more information on the Z-Wave Alliance, visit www.z-wavealliance.org.
Home Automation is used to describe residential technologies that go beyond traditional, analog residential products. Traditional residential technologies were typically mechanical, standalone products with limited functionalities beyond their own operation and control.

What is Z-Wave Home Automation?

Home Automation replaces these basic, standalone products with electronic, communicating, and controllable products that add new capabilities to the installation. Compared to traditional analog mechanical designs, these electronic products offer both enhanced individual standalone functions and new communications capabilities. These new device qualities are afforded by the Z-Wave RF networking technologies used by a certified Z-Wave product to monitor, receive, and send information throughout the residence.

Home Automation uses this communication network for unified command, control, and scheduling functions in the home. Z-Wave products perform these Home Automation functions wirelessly using RF mesh based radio communications.
Energy Management

With Z-Wave, security/automation systems can functionally incorporate both lighting and HVAC climate control operations. Additionally, remote access and event scheduling are also typical features of Z-Wave based home automation installations.

Enhanced Security Services

Lighting, HVAC, and other Z-Wave enabled products can be incorporated into zones that can be controlled as a dedicated area. These areas can even be configured for remote access or even integrated with security events, such as arming or disarming the system.

Remote Access

Remote access to individual and groups of Z-Wave enabled devices is a popular, compelling benefit of an enhanced security service. Remote access can enable a homeowner to turn on his/her lights and adjust the thermostat before arriving home. No advanced scheduling required.

Automation

With Z-Wave enabled door locks, security systems can permit home owners to have secure, electronic, wireless access control capabilities for their home. These remote access control features can permit the homeowner to lock, unlock, and be instantly notified of authorized entries by individual family members.

Z-Wave Home Automation: Major Benefits

Until recently if you said Home Automation many people thought of expensive, complex systems for luxury homes or complicated whole-house rewiring projects. Automation was largely confined to specially trained installers and only the most high end, expensive homes. But now it doesn’t require a big investment to enjoy the comfort and ease of Home Automation and control. Z-Wave technologies enable security systems to unify, manage and control a new ecosystem of wireless products in any home.
What’s in a Z-Wave Chip?

Z-Wave technology is found in a radio microchip and provides a communication protocol that is transmitted over radio waves. The RF chip contains a tiny bi-directional radio that handles the command and control signals that are communicated throughout a home automation network. The Z-Wave chip also contains memory capabilities that hold protocol and application information, system interface, and in the case of some advanced lighting controls, a triac control for dimming.

- **Receiver** - Receives signals
- **Transmitter** - Sends signals
- **Memory** - Saves programming information
- **Compatibility** - Speaks with other Z-Wave devices; can often double the RMR potential
Introducing Z-Wave Mesh Networks

Z-Wave products utilize mesh networking to create cost effective, scalable, modular and robust wireless installations without a central RF hub. Z-Wave devices use common protocol that enables each RF device in the system to talk to any other RF capable device. Z-Wave products leverage this RF communication by using a type of RF network typography called a mesh network. A mesh RF network is a “peer to peer” technique to route information and instructions between devices without the need for a central RF hub to act as a “gate keeper” device to manage the network.

In a Z-Wave mesh network, each device is a smart device capable of handling and routing the control commands entered by a user. Mesh networking distributes signals efficiently by hopping them from one device to another, finding the best route through the mesh to get to the final destination. Z-Wave’s smart hopping of connections provides for efficient alternate paths around physical or invisible interference that can block or impair traditional RF communications.
Total home and business control with comprehensive, flexible and integration friendly solutions.

The M1 Cross Platform® control system offers convenience, comfort, and simplicity for home and business by combining security, energy management, lighting, access control and more. With timely access to information and simple, user friendly interfaces, M1 keeps your customers informed and in control, anytime, from anywhere!

Security & Safety
- Full range of detection and reporting capabilities
- Perfect for new or existing construction with support for wireless sensors
- Enhance security and provide added convenience with Z-Wave enabled locks

Energy Management
- Intelligent lighting control with options for daylight/dark, timing, dimming, and occupancy
- Automatically control thermostats based on time of day, occupancy and/or ambient conditions
- Shut off main water supply when away to prevent unnecessary waste and costly damage

Convenient Interfaces
- Keypad options ranging from full featured touchscreens to discrete arming stations
- A variety of software and apps for PCs, tablets and smartphones. No monthly fees required!
- Provide event notifications via phone call, email or text message
Z-Wave Interface for M1 Controls

The EK-M1XSLZW is a specialized serial expander for connecting a M1 Control to Z-Wave enabled devices providing energy savings, convenience, and comfort. The M1XSLZW is connected to the Z-Wave network through a Leviton VRC0P-1LW Z-Wave Serial Interface.

- Control a variety of Z-Wave devices including lights, thermostats and locks
- Devices can be automated or controlled through a variety of user interfaces, both locally and remotely

Popular M1 Gold System Packages

**M1 Gold Kit with M1KP2 Keypad**

Ready to install value package includes:
- M1 Gold Control Board
- Low Profile LCD Keypad (EK-M1KP2)
- 14” Enclosure (EK-SWB14)
- 12V, 8 Ah Battery (EK-1280)
- 16.5VAC Transformer (EK-TRG1640)
- Echo Interior Speaker (EK-73)
- Surge Protector (EK-952)
- Telco Jack & Cord (EK-RJSET)

**M1 Gold Kit - No Keypad**

Ready to install value package includes:
- M1 Gold Control Board
- 14” Enclosure (EK-SWB14)
- 12V, 8 Ah Battery (EK-1280)
- 16.5VAC Transformer (EK-TRG1640)
- Echo Interior Speaker (EK-73)
- Surge Protector (EK-952)
- Telco Jack & Cord (EK-RJSET)

Popular M1 Keypads

**Navigator Touchscreen Keypad**

3.5 inch full color touch LCD with easy-to-use graphical menu & fast touch response

**Low Profile LCD Keypad**

Features blue/white LCD, programmable “F” keys and unique menu navigation keys

**Arming Station with LED Indicators**

Small, economical, fits in standard gang box and utilizes decorator faceplate

ELK Two-Way Wireless Products

**Two-Way Wireless Transceiver**

Allows M1 Controls to accept ELK Two-Way Wireless sensors
- True two-way signal acknowledgment
- 900MHz frequency hopping and RF power level adjustments ensure signals get through
- Supports up to 144 individual wireless zones
- Multiple transceivers may be connected to increase coverage area
- UL Listed

**Hardwired Input Expander**

- Adds 16 hard wired zones (with or without EOL resistors)
- Up to 12 may be added, for 208 total zones on M1G
- Removable plug-in terminal strips
- Status and diagnostic LED
- Includes EK-SWG mounting glides

**Ethernet (IP) Interface**

- Provides IP connection for programming and control, both locally and remotely
- Event notification via email (SMTP)
- Syncs M1 clock with Internet Time Server
- Supports automatic DDNS updates

Learn more at elkproducts.com/m1-controls
Controllers for the Home or Business

**Tuxedo Touch™**
Cost-effective controller installed with or without VISTA® security

**Centralized Control**
Operate the security system, video cameras, Z-Wave® enabled thermostats, lights, door locks and shades from the Tuxedo Touch controller or through any local Wi-Fi® enabled devices.

**Manage Energy Costs**
Customized scenes that can set thermostats and turn lights on or off based upon specific events or time of day.

**Built-in Web Server**
Allows the user to control the system locally from any Wi-Fi enabled device including iPad®, iPhone®, Android™, BlackBerry®, tablet, PC, etc.

**Large 7” Touchscreen**
Most intuitive user interface makes operation simple.

**IP Video**
Ability to view up to four IP cameras right at the keypad.

**Honeywell Total Connect™ Remote Services**
Offer remote operation with Honeywell Total Connect Remote Services. Whether you want to arm/disarm, view live video, receive important email and video alerts, the opportunities are there to add valuable RMR.

**LYNX Touch 5100**
The industry’s most popular wireless self-contained security control features 4G, Wi-Fi and IP communications and supports Z-Wave technology.

**Wi-Fi Alarm Signaling**
Provides you with the lowest installation cost for alarm communication solutions with remote services with no wires to run!

**2G/3G/4G Helps Give Your Systems Longevity**
First-ever 4G GSM communicator helps give your installations longevity. Whether 2G, 3G, or 4G, the radio finds the best signal in the area.

**Z-Wave**
The LYNX Touch 5100 self-contained home/business control system uses Z-Wave technology to enable lighting, lock and thermostat control.

**Compromise Protection**
Advanced Protection Logic™ and integral front and rear tamper switches enable the alarm to report even if the system is compromised.

**Honeywell Total Connect Remote Services**
Offer your customers the ability to remotely control their security systems, cameras, lights, thermostats, locks—even set scenes and schedules!

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**4232CBM Home and Building Automation Module**
The 4232CBM allows VISTA security control panels to support a variety of home automation products. The module currently interfaces with Control4®, Lutron® RadioRA®, Savant® Systems and Universal Remote Control’s Total Control® Line of Premium, Whole-House Automation Products. Additional third party providers should be announced shortly.

**Residential Control Compatibility**
- VISTA-15P/FA148CP
- VISTA-15PSIA/FA148CPSSIA
- VISTA-20P/FA168CP
- VISTA-20PSIA/FA168CPSSIA
- VISTA-21iP
- VISTA-21iPSIA

**Commercial Control Compatibility**
- VISTA-128BPT/FA1660CT
- VISTA-128BPTSIA
- VISTA-250BPT
- VISTA-250FBPT
- VISTA-128BPT/FA1670CT
- VISTA-250FBPT/FA1700CT

All other trademarks are property of their respective owners.
Honeywell’s Widest Range of Sensors and Accessories

**Door/Window Transmitters**

- 5800MICRA: Recessed Window Transmitter
- 5811: Thin Door/Window Contact Transmitter
- 5814: Ultra-small Door/Window Transmitter
- 5815: Door/Window Transmitter
- 5816: Two Zone Door/Window Transmitter
- 5817CB: Commercial Transmitter
- 5816OD: Outdoor Wireless Contact/Transmitter
- 5809RPS: Wireless Recessed Transmitter
- 5818MNL: Recessed Transmitter
- 5822T: Tilt Sensor Transmitter
- 5819WHS: Shock Processor, Transmitter and Shock Sensor
- 5820L: Slimline Door/Window Transmitter
- 5821: Temperature Sensor and Flood Detector
- 5819: Shock Processor and Transmitter

**Life Safety Options**

- 5193SD/SST: V-Plex Addressable Smoke Detector
- 5806W3: Wireless Smoke Detector
- 5808W3: Wireless Smoke and Heat Detector with Low Temperature Detection
- 5809: Wireless Rate-of-Rise Fixed Temperature Heat Detector
- 5800CO: Wireless Carbon Monoxide Detector
- 5800SS1: Shock Sensor
- 5853: Glassbreak Detector
- 5800WAVE: Wireless Siren
- 745VSD3PK2: Trilingual Voice Siren Driver with 32 ohm Speaker
- AVS: Two-way Voice for VISTA®

**Space Protection**

- 5807API: Indoor Asset Protection Sensor
- 5800PIR: Wireless PIR with Selectable Pet Immunity and Low Temperature Alert
- 5800PIR-RES: Pet Immune Wireless PIR
- 5800PIR-COM: Wireless Commercial PIR with Low Temperature Alert Wireless PIR
- 5800PIR-OD: Wireless Outdoor Motion Sensor
- 5898: Wireless K-Band DUAL TEC® Motion Sensor
- 5870API: Indoor Asset Protection Sensor

**Convenient Remote Controls and Personal Emergency Response Options**

- 5834-2: Two-button Wireless Key
- 5834-4: Four-button Wireless Key
- 5804BDV: Bidirectional Remote with Voice Annunciation
- 5834-4EN: Four-button Wireless Key with Plated Bezel and Key Ring
- 5804BD/5804BD-PK: Bidirectional Remote
- 5802WXT: Family

**VISTA® Control Panels**

**Residential Control Compatibility**
- VISTA-15P/FA148CP
- VISTA-15PSIA/FA148CP/SIA
- VISTA-20P/FA168CP
- VISTA-20PSIA/FA168CP/SIA
- VISTA-21iP
- VISTA-21iPSIA

**Commercial Control Compatibility**
- VISTA-128BPE/FA1660CE
- VISTA-128SIA
- VISTA-128BPT/FA1660CT
- VISTA-128BPT/SIA
- VISTA-128FBP/FA1670C
- VISTA-250BPE
- VISTA-250FBP/FA1700C
- VISTA-250BPT
- VISTA-32FBPT
- VISTA-128FBP/FA1670CT
- VISTA-250FBP/FA1700CT
Built around your lifestyle and into your budget

GE/JASCO Z-Wave Wireless Home Control

- Wireless control of lights, appliances and more with advanced Z-Wave technology
- GE/JASCO Z-Wave products work with any Z-Wave certified product from any brand
- Enjoy one-touch remotes and secondary controller
- Choose from our line of DIY friendly switches, plug-in modules, outdoor modules and more
- All GE/JASCO Z-Wave items are UL rated for electrical safety and meet FCC requirements

All GE branded products are in clam shells. All Jasco branded products are in white boxes.
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
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</table>
| JS-45602 - GE Clam Shell | **Z-Wave Wireless Lighting Control Lamp Module-Dimmer**  
* For use with any type of lighting  
* Wireless control of ON/OFF and dim functions of table and floor lamps  
* Module provides one Z-Wave AC outlet and one standard AC outlet  
* Horizontal design doesn’t block additional receptacle outlet  
* Not for use with fluorescent lights or motors  
* 300W Incandescent, 100W CFL/LED Max load Z-Wave outlet |
| JS-45604 - GE Clam Shell | **Z-Wave Wireless Lighting Control Outdoor Module**  
* For use with any type of lighting  
* Wireless control of ON/OFF functions of outdoor lighting  
* Module provides one Z-Wave AC outlet  
* Weather-resistant housing  
* Ideal for outdoor and seasonal lighting  
* 600W Max load Z-Wave outlet |
| JS-45609 - GE Clam Shell | **Z-Wave Wireless Lighting Control On/Off Switch**  
* Interchangeable Paddle switch: White & light almond paddle in package (45709 Jasco Brand Only)  
* Wireless control of ON/OFF functions of overhead lighting  
* Provides Z-Wave wireless and manual control  
* LED indicator allows easy location of switch in dark room  
* Requires in-wall installation with hard-wired connections  
* Easily connects using existing wires  
* Capable of controlling any type of lighting  
* 960W Incandescent |
| JS-45612 - GE Clam Shell | **Z-Wave Wireless Lighting Control In-Wall Dimmer**  
* UL approved for use with dimmable CFL/LED bulbs (45712 Jasco Brand Only)  
* Interchangeable Paddle switch: White & light almond paddle in package (45712 Jasco Brand Only)  
* Remotely control the ON/OFF function & brightness level of permanently installed incandescent lighting  
* Requires in-wall installation with hard-wired wiring connections  
* Use with other GE Z-Wave products to create a complete lighting control system  
* LED indicator shows switch location in a dark room  
* 600W Incandescent, 150W CFL/LED |
| 45710** - White Box | **Auxiliary Switch**  
* For use with GE/Jasco Z-wave ON/OFF and dimmer switches  
* Requires traveler wire for installation |
| JS-45631 - GE Clam Shell | **Z-Wave Wireless Lighting Controller, Wall Mount**  
* Create and manage custom lighting scenes to make your life easier  
* Controls four groups and four scenes  
* “Soft-touch” silicone rubber keys provide good tactile feel and long life  
* Functions as a secondary controller in your Z-Wave lighting network  
* Low profile, mounts with tape or screws  
* Uses two CR2032 batteries (included) |
| JS-45633 - GE Clam Shell | **Z-Wave LCD Remote Control**  
* Create and manage custom lighting scenes to make your life easier  
* LCD menu system for easy setup & use  
* Blue backlit keypad and LCD  
* Controls up to 6 Z-Wave certified thermostats  
* Controls up to 6 Z-Wave certified door locks  
* Calendar function allows programming of up to 9 events  
* Control up to 18 individual Z-Wave devices, 18 groups and 18 scenes |
KWIKSET® HOME CONNECT™ LOCKS WITH Z-WAVE® TECHNOLOGY

There’s a new smarter way to connect your home, it’s called Home Connect with Z-Wave® Technology. This technology works by allowing your door locks to wirelessly talk to other things in your house, such as the security system, lighting, thermostat & home automation system.
RESIDENTIAL ACCESS SOLUTIONS

Innovative Security
- Motorized Locking Mechanism—enables true remote locking & unlocking
- Includes SmartKey® Re-key Technology with BumpGuard™ Protection
- Revolutionary Tapered Deadbolt Design—enables misaligned doors to lock without pulling & pushing your door shut
- Full 128-Bit Encryption Security
- One Touch Locking

Easy Integration
- Replaces Existing Door Hardware with just a screwdriver
- No Hard Wiring Needed
- 4 AA Batteries—batteries last for approximately 1 year
- Z-Wave Wireless Protocol

Kwikset Contemporary Style SmartCode Z-Wave Deadbolt

<table>
<thead>
<tr>
<th>Part #</th>
<th>Function</th>
<th>Finish</th>
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<tbody>
<tr>
<td>KT-99100011</td>
<td>SmartCode Z-Wave Deadbolt</td>
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<tr>
<td>KT-99100012</td>
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Kwikset Arched Style SmartCode Z-Wave Deadbolt

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Kwikset Arched Style SmartCode Z-Wave Lever

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<td>KT-99120004</td>
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Finishes
- Polished Brass
- Venetian Bronze
- Satin Nickel
- Polished Chrome
- Satin Chrome
The Universal

Comprehensive security & automation solutions

Manage Energy and Save Money
Automatically coordinate temperatures, pumps, fountains, water heaters, irrigation, generators, fountains, and other energy-consuming devices. Leviton’s wide variety of smart energy management products make homes and businesses more comfortable while reducing energy expenses.

Distributed Audio and A/V Control
Leviton’s distributed audio systems are built-in for a sleek professional appearance. Utilizing Bluetooth remote inputs, music can be shared with multiple zones in a home or business. Use a multitude of Connectivity Partner products and integrate with a Leviton automation system. TV’s, Blu-Ray players and more can be automated based on time or event and controlled from an iOS device.
Solution!

for homes & small businesses.

A Real Security System
Leviton’s integrated security & automation systems are your backbone for buildings ranging from townhouses to warehouses. Detect intrusion, smoke/fire, carbon monoxide, water, vehicles, and more. Easily add Leviton’s hard-wired access control or wireless door locks. Plus tie in both analog and IP surveillance cameras!

Every Bulb in the Building
Whether Z-Wave, ZigBee, or hard-wired, Leviton provides sophisticated lighting control for every job, residential or commercial. Whether new construction or retrofit, lighting control can be used stand-alone or tied into an automation system. Control natural light by incorporating window coverings to your Leviton system from a variety of manufacturers.

Leviton provides reliable, powerful, and affordable control over security, energy management, and entertainment devices. With a wide range of automation controllers and sub-systems, a total system from Leviton is the Smart Choice!

Learn more at leviton.com/automation
Secure Your Future with Vizia rf+

Leviton Z-Wave® Now supports CFL + LED!

Features the latest generation of Leviton’s dimming technology for the Vizia RF+ family of Z-Wave® energy management and lighting control products. Designed for the future, it supports dimmable LED and CFL technologies, as well as legacy incandescent, halogen, Mark 10, and magnetic lighting loads. Automation you can count on... compatible with all leading Z-Wave systems, AV, and automation.

- Supports state-of-the-art Z-Wave commands including security, network wide inclusion, and beaming
- Enables great open platform RMR services
- Energy Management & Lighting Apps
- Safety & Security
- Vizia RF+ Installer tool, for Z-Wave Pros

learn more at leviton.com/viziarf
Honeywell

**DIMMERS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>VRMX1-1L</td>
<td>450W LED/CFL: 1000VA Incandescent, Magnetic Low Voltage and Mark 10 Scene Capable Dimmer for Single Pole, 3-Way or More Applications*.</td>
</tr>
<tr>
<td>VR06-1L</td>
<td>600W Incandescent Scene Capable Dimmer for Single Pole, 3-Way or More Applications*, with LED Locator and Brightness Display</td>
</tr>
<tr>
<td>VR10-1L</td>
<td>1000W Incandescent Scene Capable Dimmer for Single Pole, 3-Way or More Applications*, with LED Locator and Brightness Display</td>
</tr>
<tr>
<td>VRE06-1L</td>
<td>600W Electronic Low Voltage Scene Capable Dimmer for Single Pole, 3-Way or More Applications*, with LED Locator and Brightness Display</td>
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**SWITCHES**

<table>
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<th>Model</th>
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<tbody>
<tr>
<td>VRS15-1L</td>
<td>15A Scene Capable Switch for Single Pole, 3-Way or More Applications**, with LED Locator</td>
</tr>
<tr>
<td>VRS05-1L</td>
<td>5A Incandescent Only Scene Capable Switch for Single Pole, 3-Way or More Applications**, with LED Locator (No neutral required)</td>
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**RECEPTACLES**

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>VRR15-LZ</td>
<td>1800W/1800VA ½ HP Split Tamper-Resistant Duplex Wall Receptacle with Top Outlet Scene Capable Switch for Single Pole Applications</td>
</tr>
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</table>

**SPECIALTY DEVICES**

**FAN SPEED CONTROLLER**

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>VRF01-1L</td>
<td>1.5A Scene Capable Quiet Fan Speed Control for Single Pole, 3-Way or More Applications*, with LED Locator and Fan Speed Display</td>
</tr>
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**4 BUTTON CONTROLLERS**

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>VRCZ4-M0</td>
<td>4-Button Zone Controller for Multi-Location Control with IR Remote Capability</td>
</tr>
<tr>
<td>VRCZ4-MR</td>
<td>1800W/1800VA ½ HP 4-Button Zone Controller with Single Pole Scene Capable Switch for Multi-Location Zone Control with IR Remote Capability</td>
</tr>
<tr>
<td>VRCS4-M0</td>
<td>4-Button Scene Controller for Multi-Location Scene Control with IR Remote Capability</td>
</tr>
<tr>
<td>VRCS4-MR</td>
<td>1800W/1800VA ½ HP 4-Button Scene Controller with Single Pole Scene Capable Switch for Multi-Location Scene Control with IR Remote Capability</td>
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**1 BUTTON CONTROLLERS**

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<tbody>
<tr>
<td>VRCZ1-1L</td>
<td>1-Button Zone Dimmer Controller/ Virtual Dimming Remote 3-Way RF Controller for Multi-Location Control, with LED Locator and Brightness Display</td>
</tr>
<tr>
<td>VRCS1-1L</td>
<td>1-Button Scene Controller/ Virtual Switch Remote 3-Way RF Controller for Multi-Location Control, with LED Locator</td>
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**2 BUTTON CONTROLLER / SERIAL CONTROLLER**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>VRC2-1L</td>
<td>1000W/1000VA ½ HP (per Switch) 2-Button Scene Controller with Single Pole Scene Capable Switches with LEDs</td>
</tr>
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**STANDALONE**

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>VRCGP-05G/ VRCGP-BSG</td>
<td>RF Handheld Remote Controller Programmer/Timer (VRCGP-BSG basic with no timer)</td>
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**PROGRAMMERS**

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</thead>
<tbody>
<tr>
<td>VRUSB-1US</td>
<td>RF + Installer Tool Software and USB for System Programming</td>
</tr>
</tbody>
</table>

* RF software is downloaded from [www.leviton.com/rfinstallertool](http://www.leviton.com/rfinstallertool)

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**Honeywell**

**Color Change Kits, Button Labels, and Custom Engraved Buttons are available to order. Visit [www.leviton.com/viziarf](http://www.leviton.com/viziarf) for more info.**
Mi Casa Verde delivers a dependable, consumer-friendly home control solution that’s simple and affordable, yet powerful and extensible. Provide your customers with a complete monitoring and control solution at a previously unattainable price point. And with no monthly fees!

- **Universal Compatibility**— Customize your install to fit your customer’s needs by hand picking devices from a wide variety of manufacturers, including over 700 certified Z-Wave devices.

- **No Monthly Fees**— No fear of subscription fatigue, as your customer’s can access their system, free of charge, from any internet enabled device including PCs, tablets, and smartphones.

- **Energy Monitoring**— Vera’s advanced energy management capabilities empowers your customers to take control of their energy bill to start saving money.

- **Expandable Applications**— Access a robust library of downloadable apps from live video streaming, to advance weather forecasting, to alarm panel integration.
**VeraLite** is created for users that already have a WiFi router and want to add home control at the most affordable price. VeraLite runs the same home control engine with all the capabilities of Vera3, and it is perfect for users with small to medium sized networks. VeraLite's sleek new design and built-in battery pack makes set-up convenient. Just like Vera3, VeraLite comes with our newest user interface, UI5.

**Vera3** now has a faster processor, more memory for downloading apps and upgraded Wi-Fi. Vera3 is more powerful than ever. Heavy users with multiple device types and plugins will find Vera3 is up to the challenge. You can add hundreds of devices to your Vera network and even add multiple Veras to your home or small business.

<table>
<thead>
<tr>
<th></th>
<th>VeraLite</th>
<th>Vera3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>500 MHz MIPS So</td>
<td>500 Hz MIPS SoC</td>
</tr>
<tr>
<td><strong>Flash NAND</strong></td>
<td>32 MB</td>
<td>32 MB</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>DDR2 64 MB</td>
<td>DDR2 128 MB</td>
</tr>
<tr>
<td><strong>USB ports</strong></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td><strong>WAN ports</strong></td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td><strong>LAN ports</strong></td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td><strong>Z-Wave</strong></td>
<td>Built-in with internal antenna</td>
<td>Built-in with internal antenna</td>
</tr>
<tr>
<td><strong>Wi-Fi</strong></td>
<td>-</td>
<td>IEEE 802.11n</td>
</tr>
<tr>
<td><strong>Dimensions (HxWxD)</strong></td>
<td>1.73” x 4.57” x 3.74”</td>
<td>1.34” x 6.97” x 5.12”</td>
</tr>
<tr>
<td><strong>Battery Pack</strong></td>
<td>4 AA batteries (Included)</td>
<td>External, Rechargeable</td>
</tr>
</tbody>
</table>

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**VistaCam** is a compact, feature-rich, low-light, Indoor IP Camera that supports both wired and wireless installation. VistaCam features excellent video quality with full 30fps VGA resolution using either MPEG4 or M-JPEG compression, and with latency as short as 0.2 seconds or less. VistaCam is perfect for low-cost video monitoring in conjunction with security and home control applications.

**VIDEO**
- Sensor: Omnivision 7725 CMOS, 1/6" VGA
- Resolution: 0.5 Lux
- Lens: F2.0 Fixed Focus View Diagonal View
- Angel 610 (H=50.50, V=39.10)
- Compression: MPEG-4/M-JPEG Dual Stream
- Resolution: Support 640x480, 320x240, 160x120
- Frame Rate: Up to 30 frame per second in VGA (640x480)
- Image: Control AWB, Brightness
- Video Options: Motion-Detection, Time Stamp, Text Overlay
- 3GPP: 160x120@15fps, MPEG-4 for mobile phone viewing

**AUDIO**
- Compression: G.711, G.726 ADPCM
- Microphone/Speaker: Bi-directional audio, built-in Mic and external Speaker
- Audio Option: On-Off control on web interface and Windows playback

**SmartSwitch** is a low-cost Z-Wave appliance switch that can report immediate energy usage or monitor energy usage over time. Use the SmartSwitch with VeraLite and Vera3 to create energy monitoring and conservation apps that can be controlled from any browser, tablet or smartphone.

Currently, only offered in US
- Z-Wave frequency with a 3 prong US plug
- Certified for use in the USA (FCC, CE, ROHS, C-TICK)

© 2012 MiCasaVerde
Introducing a NEW level of security. Yale Real Living. Provide customers full home control with a complete suite of Z-Wave® door locks.

Key Free Touchscreen Deadbolts

<table>
<thead>
<tr>
<th>US3 Polished Brass</th>
<th>US15 Satin Nickel</th>
<th>US10BP Oil Rubbed Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>2Y-084062</td>
<td>2Y-084063</td>
<td>2Y-084061</td>
</tr>
</tbody>
</table>

Touchscreen Deadbolts

<table>
<thead>
<tr>
<th>US3 Polished Brass</th>
<th>US15 Satin Nickel</th>
<th>US10BP Oil Rubbed Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>2Y-084017</td>
<td>2Y-084018</td>
<td>2Y-084016</td>
</tr>
</tbody>
</table>

Push Button Deadbolts

<table>
<thead>
<tr>
<th>US3 Polished Brass</th>
<th>US15 Satin Nickel</th>
<th>US10BP Oil Rubbed Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>2Y-084008</td>
<td>2Y-084009</td>
<td>2Y-084007</td>
</tr>
</tbody>
</table>

Deadbolt Accessories

We offer conversion kits to convert thin doors to accommodate our locks!
Order a thin door gasket and convert a 1 3/8” door to a proper thickness for lock installation. (Lock fits on doors with thickness of 1 3/4” to 2 1/4”)

2Y-084111 Push Button Thin Door Gasket, for 1 3/8” Doors
2Y-084112 Touchscreen Thin Door Gasket, for 1 3/8” Doors

Deadbolt Cylinders
2Y-084104 SCKA DBl Cyl US26 Yale 5050 Schlage keyway keyed alike, chrome for satin nickel products
2Y-084105 SCKA DBl Cyl US3 Yale 5050 Schlage keyway keyed alike, brass for brass or bronze products

Push Button Thin Door Gasket
2Y-084110 SCKA DBl Cyl US3 Yale 5050 Schlage keyway keyed alike, for brass or bronze products

Cross Bore
1 in.

Drive In Latches
Order a Drive In latch for doors with 1 in. cross bore.
2Y-084127 Drive In Latch

Easy to use, install, and program!
Integrate with your home security system to control access to areas in the home

PERSONALIZE SCENES
User code enables a welcome scene to disarm a security system, activate lights, adjust the thermostat

REMOTE CONTROL
Lock and unlock doors from any web-enabled device

CONVENIENCE
Receive text or email messages to cell phone from pre-programmed alerts

PRIVACY MODE
Locks out all users for enhanced security

HISTORY
Know when family members or friends come and go in real time

Z-Wave® WIRELESS
Yale Real Living™ is interoperable with other Z-Wave certified products as part of a home control system
Now available at Introducing a NEW level of security.
Yale Real Living. Provide customers full home control with a complete suite of Z-Wave® door locks.

Touchscreen Lever Locks

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Polished Brass</td>
<td>2Y-084047</td>
</tr>
<tr>
<td>US Satin Nickel</td>
<td>2Y-084048</td>
</tr>
<tr>
<td>US Oil Rubbed Bronze</td>
<td>2Y-084046</td>
</tr>
</tbody>
</table>

Push Button Lever Locks

<table>
<thead>
<tr>
<th>Finish</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>US Polished Brass</td>
<td>2Y-084038</td>
</tr>
<tr>
<td>US Satin Nickel</td>
<td>2Y-084039</td>
</tr>
<tr>
<td>US Oil Rubbed Bronze</td>
<td>2Y-084037</td>
</tr>
</tbody>
</table>

Lever Options*
Customize your lever lock with one of these lever styles.
Choose from these finishes:
- Polished Brass
- Oil Rubbed Bronze Permanent
- Satin Nickel
*Norwood lever ships as standard

Easy to use, install, and program!
Integrate with your home security system to control access to areas in the home

PERSONALIZE SCENES
user code enables a welcome scene to disarm a security system, activate lights, adjust the thermostat

REMOTE CONTROL
lock and unlock doors from any web-enabled device

CONVENIENCE
receive text or email messages to cell phone from pre-programmed alerts

PRIVACY MODE
locks out all users for enhanced security

HISTORY
know when family members or friends come and go in real time

Z-Wave® WIRELESS
Yale Real Living™ is interoperable with other Z-Wave certified products as part of a home control system

Lever Accessories
- Drive In Latches
  - Order a Drive In latch for doors with 1 in. cross bore.
  - 2Y-084141 Lever Lock Drive in Latch
- Cross Bore
- Lever Lock Cylinders
  - 2Y-084139 SCKA Lever Cyl US3
  - Schlage keyway keyed alike, chrome for satin nickel products
  - 2Y-084140 SCKA Lever Cyl US26
  - Schlage keyway keyed alike, brass for brass or bronze products

An ASSA ABLOY Group brand
ASSA ABLOY
Z-Wave Makes Any Home a Smart Home…. quickly, easily and affordably!

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Z-WAVE®

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