



# What is Vera?

Vera™ is Mi Casa Verde's simple, flexible control gateway developed to give a home owner, light commercial enterprise operator or small business owner the tools to save energy and increase security from anywhere in world. Powered by MiOS™, Vera provides your customer with an easy, expandable solution that can be used to manage lights, door locks, thermostats, IP cameras and much more.



# Give your customer the power of Vera

Vera gives you full control of your home or business from your laptop, Android, iPhone, BlackBerry or any other smart mobile device anywhere, anytime. Easy to setup and use, Vera provides high-end functionality at an affordable price. Vera is designed to help you create topical and compelling solutions for your customer. Vera is the perfect solution for:

**Energy Savings:** Vera keeps a 1 year archive of your energy usage by device and presents the information in simple to read charts and graphs showing your usage over time by device, by room or type of device. Vera also works with whole-house power meters to automatically build an energy profile of the consumption from all your devices so you can be sure all energy is accounted for. Vera can calculate how much energy your home or office was using before, show you where to best reduce your energy consumption and tell you how much money you are saving.

**Security and Safety:** In addition to the standard features offered by others, Vera supports BOTH Schlage and Kwikset Z-Wave locks. Vera also supports all the advanced features that are unique to Kwikset locks, such as storing schedules for your codes in the lock, controlling the motorized deadbolt, and sending you alarms if the deadbolt is not fully retracted. Vera also supports the 1-Touch 'lock' button on the Kwikset lock so when you leave the home, one button push on the main door can automatically lock ALL the exterior doors of the house and arm your existing monitored alarm system.

**Home Entertainment:** With the addition of a simple IR blaster or dongle, Vera can fully control Audio Video equipment and fully integrate with home control events, scenes and timers. Like all of Veras functions, this can all be managed remotely with your iPhone or iPad.



# Key Features

**No Monthly Fee – Secure, remote access over web and mobile phone is FREE.**

- It works with BOTH Schlage and Kwikset Z-Wave door locks – Schlage LiNK only works with Schlage locks.
- Multiple Native Mobile Apps for iPhone, Android and Windows CE Mobile – Any of these can be bundle as an inclusive, out of box experience.
- Can be controlled from ANY data-capable phone – Other gateways such as the Schlage LiNK can only work with a limited set of phones.
- Guaranteed compatibility with ALL Z-Wave devices – Includes scene controllers and all sorts of sensors, etc., so you can take advantage of everything the Z-Wave world offers-- not just appliance modules and a thermostat.
- Simple, focused setup wizard – Simple 1,2,3 set up makes it easy for the total novice.
- Advanced set-up Tab – Vera is extensible to also appeal to enthusiasts and advanced users with features seen only in high-end systems, like infrared/universal remote control, integration with monitored alarm system, ability to bridge multiple Z-Wave networks, works with INSTEON, X10 and other platforms.
- Vera users can access the MiOS Application Marketplace – Open Development APP store that includes numerous 3rd party apps to extend the user experience, such as weather forecasting, media control, alarm panel integration, remote live video streaming, etc., and it's growing all the time.
- No Broadband Connection Needed for local control – Vera can set-up and configure your network and control all your devices locally without any internet connection.
- Fully replicated in the cloud – All functions are replicated in the cloud for remote access or to enable access to additional applications and services.

# Additional Features

- Supports multiple plug and play IP cameras and provides the facilities to remotely stream live video with zero user configuration.
- Supports control of and by UPnP devices for unparalleled interoperability.
- Works with energy meters such as TED, AEON and RCS to provide real-time and long term energy monitoring.
- Supports bridging of multiple VERAs over IP to enhance range for larger installations or multiple locations within single installation, i.e., main house, pool house, guest quarters.
- Supports bridging Z-Wave and Insteon networks over IP.
- Supports control of many serial devices with a USB->Serial Port or GC-100 including elk and DSC alarm panels.
- Can be controlled as a Leviton Vizia RF+ device over the serial port, emulating functionality for a fraction of the cost.
- Integrates with California's "Flex Alerts," providing the ability to automatically set your thermostat higher or shut off your dryer in case of a statewide power emergency.
- Supports "Scenes" which enable you to trigger a sequence of events by pressing a button or locking your door.
- Supports "Events" which let you set timers for anything in your house that you can control with Z-Wave, Insteon, or Serial.
- Unique energy profile can be built through cycling all your devices on and off to determine energy consumption from each individual device.
- Small form factor and low power consumption.

## Hardware

|                |                                      |
|----------------|--------------------------------------|
| CPU            | Broadcom BCM5354 Linux 2.4 BSP Ready |
| Flash          | 16 MB                                |
| SDRAM          | 32 MB                                |
| LED indicators | Power, Portal link, Ethernet link    |
| Push button    | Synch, Reset, WPS                    |
| Dimension      | 6.5 x 4 x 1.5 inch                   |

## Networking

|            |                        |
|------------|------------------------|
| LAN Port 1 | (10/100 Mbit/sec port) |
|------------|------------------------|

## Sensor Interface

|        |  |
|--------|--|
| Z-Wave | Built-in Sigma Design module with 1 x internal antenna |
|--------|--|

## Wired Interface

|      |   |
|------|---|
| USB  | 2 x USB ports for future expansion      |
| JTAG | 1 x Internal JTag for development/debug |

## Power Supply

|        |                        |
|--------|------------------------|
| Input  | AC 100 ~ 240v, 50~60Hz |
| Output | DC 12V/2A              |

## Environmental Specs

|                       |                |
|-----------------------|----------------|
| Operating temperature | 0?~40?         |
| Storage temperature   | -25?~70?       |
| Operating humidity    | 10~90%RH (max) |
| Storage humidity      | 5~95%RH (max)  |

## Certifications

EMI/EMC FCC Part15 Class B, 3-home FCC, CE  
Safety UL/cUL CSA no. 22-60950-01-03

