

ISY994 Series Gateways

Energy Management and Building Automation System



Main Features

- Autonomous & self contained – no connection to cloud services necessary
- Securely accessible from any mobile or desktop browser using TLS, with full support for x509 certificates.
- Certified OpenADR 2.0a & 2.0b VEN
- Meets applicable requirements of Dept. of Homeland Security: SCADA 1.8
- Available with ZigBee, Z-Wave, and INSTEON wireless protocols
- Uses off-the-shelf sensors and devices
- Extensible with software modules for weather, network resources, security interfaces, and more.
- Fully upgradeable without site visits
- Open and robust application programming interface (API)

Description

Available in a variety of low cost configurations, the ISY994 Series energy management and automation controller provide power and flexibility perfect for middle market, small, and medium business needs. Using open standards, the ISY994 provides building owners, contractors, and project leads the flexibility to automate a variety of every day tasks. Capable of communicating with a wide variety of off-the-shelf devices such as thermostats, lighting, IoT devices, and loads using ZigBee, Z-Wave, or Insteon, in addition to IP and direct contacts. The ISY994 series can read energy consumption from individual devices using Z-Wave, ZigBee, and AMI smart meters and report the data using OpenADR by simply dragging and dropping devices into the reporting group.

Unlike other solutions that use “the cloud” to process and store events, the ISY994 allows users to keep their information private by processing events, states, and triggers with the ISY and behind the firewall, and yet accessible from a variety of devices.

Not relying solely on cloud services means your building is fully under your control during service outages, and shields you from the perils of stranded assets if cloud providers can no longer support customers in the future. For centralized administration of multiple gateways, an optional secure portal is available for utilities and commercial customers to deploy.

A certified OpenADR 2.0a / 2.0b VEN, the ISYs' demand response capabilities allows building owners to not only benefit from substantial energy saving opportunities, but for those in California, comply with the new Title 24 building regulations.



Ordering Information

ISY | 994 | i | Zw | IR | PRO

Module:
PRO – Professional Series
[blank] – Not Installed

Hardware Module:
IR – Infrared receiver installed
[blank] – Not Installed

Second Protocol:
Zw – Z-Wave Installed
Zs – ZigBee SEP Installed
Z – ZigBee PRO Installed
[blank] – Not Installed

First Protocol:
i – INSTEON capable
2Relay – High power relay installed

Series:
994 – 994 series hardware
DR – OEM OpenADR version [bare board for integration]