



HomeSeer PRO

Professional Grade Home Automation for the Professional Installer



Model PRO-100 Automation Controller

HomeSeer Pro is a line of professional grade products targeted for the custom installer. The PRO-100 automation controller provides a single user interface to all of the sub-systems found throughout the home.

Users can control their lighting, HVAC, security, home theater, and other systems through a single web interface, PDA, telephone, cell phone, or touch screen.

The PRO-100 supports all the popular technologies and systems such as Z-Wave, Lutron, Lightolier, JDS, Global Cache, Web Cameras, and much more.

An open API is included for the professional integrator to add support for any custom or proprietary systems that may be needed in the customer's solution.

Reliability

The PRO-100 was designed to be the most reliable home controller available. The hardware is free from any moving parts. An embedded operating system provides a reliable software platform. Fault tolerance is built into the software. (Ask us about commercial/industrial use of HomeSeer!)

Web Based Management

The system is managed using any web browser. This allows for easy configuration on or off site. Remote access to the unit offers the ability to remotely manage the unit without making a trip to the site. Easily add/change schedules, or troubleshoot issues.

Mechanical Design

The PRO-100 has a very small footprint (11" wide x 7" deep x 2" high) and can be installed or mounted in a variety of locations. Since the unit is fan-less, it can be mounted inside a structured wiring cabinet or any other type of cabinet.

Customizable Software

The system software is totally customizable. This includes the user interface, as well as the ability to add support for more hardware. An API (Application Programming Interface Specification) is available that allows for the creation of custom software "plug-ins". These plug-ins allow the software to be extended to support custom hardware. The system also includes a scripting interface that supports the popular scripting languages such as VBScript, JavaScript, and Perl. Scripts are a quick way to add custom functionality such as complex if-then-else logic, or for sending binary or ASCII text to a serial port. The user interface and custom interfaces are built or modified using simple web (HTML) technologies.

Priority Support

Included with the PRO-100 is a dedicated support professional who is ready to assist you in setting up your system. HomeSeer Pro products include a dedicated support phone number. We are your partner and we will ensure that your installation works the way you need it to.

Other Support/Community

HomeSeer has thousands of users in the DIY and hobbyist markets as well as several commercial installations. A rich user community built up over the course of our over six years in business is available as well through our free message board system. With over 10,000 registered users and over 100,000 messages, this community and "library" of solutions is a great source of ideas for increasing revenue or automating even the most difficult of home systems.



Software Features

The PRO-100 offers many features not found in other stand-alone automation controllers such as:

- **Remote access**

The entire system can be monitored and controlled from the web. Users can check on their homes when they are away at work or on vacation. This is an excellent solution for vacation homes.

- **Text-To-Speech**

The best text-to-speech engines allow for whole house announcements that can be easily understood because they use real human voices. This can be used for announcing incoming phone calls, motion at the front door, news, weather, etc. Announcements can also be sent to other computers in the home.

- **Voice Recognition**

Any computer in the home can be used to control the system using voice, or with HomeSeer Phone voice recognition control is as far away as the nearest telephone.

- **Powerful event mechanism**

Trigger event actions based on any of the following:

- ◆ Conditions (many)

- ◆ Status change of any device

- ◆ Absolute time

- ◆ Sunrise/sunset (with offset)

- ◆ By email received

- ◆ Security panel events

- ◆ By matched infrared

- ◆ Recurring at regular second/minute intervals

- ◆ I/O events from controllers

- ◆ Events from plug-ins

- **Event Actions**

In response to event triggers, these actions (and more) may be performed:

- ◆ Send Lighting Control Signals (Operate Devices)

- ◆ Play sounds or Speak using text-to-speech

- ◆ Send email

- ◆ Run a script

- ◆ Trigger another event

- ◆ Dial a network connection

- ◆ Media Player functions

- ◆ Plug-In functions

- ◆ Web Camera functions

- ◆ Phone functions

Hardware Support

Hardware support is accomplished through the use of plug-ins, or simple interfaces can be built using scripts. This allows for easy upgrades in the future. An API is available for developers to create their own plug-ins. The following hardware is supported:

- Lutron RadioRA
- Global Cache GC100
- HomeSeer Z-Wave USB Interface
- HAI/OnQ Security & Automation Controllers
- Applied Digital Ocelot/Leopard
- Microsoft Media Player 9
- JDS Stargate and IRXpander
- HomeVision
- WGL W800 RF Receiver
- Napco Gemini security
- SLINK-E Infrared
- SmartHome IRLinc 1623PC
- ACT TI103 X10 interface
- RCS Serial & X-10 Thermostats
- HAI RC Series Thermostats
- Aprilaire Thermostats
- WebCam Support
- SmartHome HouseLinc
- Leviton, PCS, Lightolier, and SwitchLinc/LampLinc wall switches and devices
- At least 10 different X-10 interfaces including the SmartHome PowerLinc USB
- **Dozens more interfaces exists through manufacturer or 3rd party provided plug-ins—be sure to ask us if a plug-in exists for a controller not on this list!**

Control Unit Specifications

- Size: 11" W, 2" H, 7" D
- Processor: 1 GHZ
- Fans: None
- Flash: 1152 MB; Memory: 512 MB DDR
- OS: Embedded (Windows XP Optional)
- Serial Ports: 2
- USB Ports: 2
- IEEE 1394 Ports: 2
- Video Out: VGA, S video, composite
- Video In: S video, composite
- Network: 10/100 Ethernet
- Audio In/Out
- SPF Out
- PS/2 Keyboard & Mouse ports



PRO-100 Back Panel

For more information contact HomeSeer Technologies:
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