



HOME AUTOMATION SYSTEMS



PRO-Series



About HomeSeer

HomeSeer Technologies was formed in 1999 to serve the needs of the home automation community. Founder Richard Helmke was dissatisfied with software available at that time and set about to develop a new breed of home automation software. Their first product, HomeSeer v1.0 became the world's first web-enabled, voice controlled home automation program. Over the years, HomeSeer has evolved into the most flexible, powerful and easy to use program available with thousands of users worldwide. Today, HomeSeer is considered by most to be the very best home automation program available.

PRO-Series

Our PRO-Series division was created specifically to address the needs of home automation integrators and installers. PRO-Series products are designed for quick and easy installation and rugged, reliable operation. Authorized PRO-Series dealers are supported and trained directly through HomeSeer.

PRO-100

Their newest product, the PRO-100, is a hardware controller designed to incorporate all the power and flexibility of the HomeSeer software into a very compact, rugged and easy to install unit. The PRO-100 is designed to control lighting, appliances, security, HVAC and Infrared (IR) devices (like home theatre equipment). Since the PRO-100 is an open standards system, dealers can now integrate systems based on numerous technologies

from scores of industry leaders. For the first time, you can truly take a custom 'best of breed' approach matching just the right systems for your clients based on needs and affordability... and the PRO-100 will integrate them all!

Reliability

The PRO-100 was designed to be the most reliable home controller available. The unit is free from any moving parts. There is no hard drive and no cooling fan to break down. An embedded operating system provides the most reliable software platform.

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 traveling to the client site. Easily add/change schedules or troubleshoot issues from your office!

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 installed in cabinets or other areas with limited ventilation.

Customizable Software

The embedded system software is totally customizable, including the user interface. 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 support custom hardware. The system also includes a scripting interface that supports the most popular scripting languages including VBScript, JavaScript, Perl and VB.NET. Creating scripts is a powerful way to add custom functionality to the system and provides an easy means of sending binary or ASCII commands to serial devices. The user interface and custom interfaces are built and modified using simple web (HTML) technologies.

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
- RS-232

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

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

All PRO-100's are shipped pre-configured and ready to install.



PRO-100 Automation Controller

PRO-100 Features

The PRO-100 offers many features not found in other stand-alone automation controllers including the following:

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 or remote dealer support.

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

SUPPORTED TECHNOLOGIES AND MANUFACTURERS

Technologies

Z-Wave
X-10
UPB
Radio RA
Compose
IINSTEON
Infrared (IR)
Voice Recognition
Text to Speech
RFID
Zigbee

Lighting

Lutron
Lightolier
Intermatic
HomePro

Smarthome
X-10
Simply Automated
Centralite
Vantage

Security

Elk
Napco
HAI
On-Q
GE/Caddx

HVAC

RCS
Aprilaire
Enerzone
HAI

Infrared (IR)

Applied Digital
Global Cache
Home Electronics
IRTrans
SmartHome
JDS Inc.
Nirvis Inc.
UIRT

RFID

iAutomate.com

Audio / Video Software

Windows Media Center 2005
Windows Media Player 9/10
Winamp

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