

HomeVision

Custom Solutions, Inc.

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WELCOME TO HOMEVISION

Welcome to HomeVision and the exciting world of advanced home automation. HomeVision provides many powerful, yet easy to use, features. Among these:

- Video output displays menus and control screens on your TV. You can even create your own screens to control your house or display messages. Events can be logged for later viewing.
- Infrared receive capability so you can control HomeVision (and your whole house) from your own remote control.
- Infrared transmit capability to control TVs, stereos, etc.
- Two-way X-10 communication to control and monitor lights, appliances, thermostats, etc.
- 8 relay drivers outputs to drive external relays, solenoids, etc.
- 8 digital inputs for direct connection of switch closure type devices such as switches and relay contacts. Allows direct connections of most alarm sensors.
- 8 bi-directional I/O ports. As inputs, they can connect to switch closure devices. As outputs, they can drive 5V digital circuits, LEDs, etc.
- Expansion capability for more digital inputs, analog inputs, relays, zoned infrared output, digital temperature sensors, serial ports, phone control, and caller ID.
- Battery-backed clock tracks daylight savings time, leap years, sunrise and sunset times, etc. 255 different events can be scheduled based on time.
- Whole-house control from your IBM-compatible computer over the serial interface (up to 19,200 baud).
- Easy-to-use Windows software to create your schedule.
- Powerful programming language includes nested If-Then-Else statements and over 300 commands and 100 conditions. Up to 255 flags, variables, timers, macros, and periodic events are available. Large memory holds over 8000 lines, allowing extremely powerful schedules.
- The control unit may be disconnected from your PC after the schedule is loaded. It can even be moved to a different spot in your house (perhaps to near your TV).

COMPUTER REQUIREMENTS

To run the PC software, you need a computer with the following capabilities:

- IBM-compatible computer, 80486 or higher, with 64 Mbytes RAM minimum (recommended configuration is Pentium 300MHz with 128 Mbytes RAM)
- Windows 95, 98, 2000, NT, or XP operating system
- One CD ROM drive
- Hard disk with at least 16 Mbytes free
- A mouse
- One free serial port (minimum of 19,200-baud)

INSTALLATION

To install the software, follow the setup file on the CD. The setup program installs files in your Windows System directory, plus the main HomeVision application directory. The files in the HomeVision directory are described below:

HomeVision.exe	The HomeVision 32-bit application itself.
HomeVision.hlp	The HomeVision help file. Note that this file is somewhat out-of-date. Refer to the HomeVision manual for the latest information.
HV Desktop.exe	Application that allows desktop or menu shortcuts to send commands to the HomeVision controller.
Example.haf	An example HomeVision schedule showing how to implement many features.
ReadMe	This file.
New Info	Summary of user's changes or additions in the latest HomeVision version.
Manual	Latest user's manual.
History	History of the different versions of HomeVision.
How-To Tips	Descriptions of how to implement various features.
Video Screens	Details on the TV video screens built into HomeVision.
Custom Lighting	Details on the "custom lighting feature.
Using Extra IR Signals	Details on method for using more than 255 infrared signals.
StatNet	Details on controlling Enerzone StatNet thermostats connected to HomeVision through a PC.
Auto Report	Details on the "Auto-report" capability that allows the controller to continually provide status information to the PC. This is mainly intended for use with other software programs designed to read the information.

Serial Protocol

Description of the serial interface protocol between the HomeVision controller and the PC.

The "HTML" directory contains files used by the HomeVision web server. The "Application Notes" directory contains application notes on a variety of topics (these are also available on our web site). The "Manuals for other products" directory contains manuals for HomeVision accessories.

INTERNET SITE

If you have Internet access, you should periodically check the HomeVision web page:

www.csi3.com

This page contains:

- The latest software updates.
- All HomeVision documentation (including 300+ page owner's manual).
- Related information we'll be adding on a regular basis.

E-MAIL

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