

# Crestron Isys™ TPS-6000 Advanced Touchpanel Control System

CRESTRON  
HOME



15 inch Tilt Model

What makes a truly advanced control system? One that erases the boundaries between the control system and the touchpanel, and does it with style. Introducing Crestron Isys™ the Advanced Touchpanel Control System. It's the most advanced and easy to use technology solution available for residential automation and control.

By any standard, Isys technology is state-of-the-art, but its extraordinary beauty is the first thing you notice.

Sleek curves reveal a striking ergonomic design. And the 15" diagonal touch-sensitive LCD display features bright, crisp XGA resolution and true-to-life color. With both graphics and video, full screen or in multiple windows, it produces a gorgeous, high resolution picture.

The beauty of Isys is more than skin deep. Isys also delivers breathtaking performance that rewrites all the rules. Its unique modular design allows users to upgrade capabilities simply by installing the expansion cards for RGB graphics, video or Internet communications. Upgrading to wireless operation is as easy as installing the 2-way RF wireless module. With up to 96MB of memory and 70 mips performance, graphics load and display in real time, even when multi-tasking. And standard audio capabilities include built-in microphone, two stereo speakers, amplifier, mixer, and the ability to play stored WAV files.

But the real power of the Isys system is its universal connectivity, with an open architecture that brings the world under your control. Isys runs end-to-end on worldwide standard Internet Protocol and operates at 10/100 BaseT. With 100% pure, native IP and blazing fast transmission speed, the system runs clean, fast and efficiently.

Isys is a true global touchpanel control system, capable of operating any number of devices throughout the home from anywhere in the world via the Internet. It's the ideal complement to a state of the art home theater system that lets you monitor audio and video sources, download personalized web content, control the lights and drapes, and check security cameras...all on the same touchpanel screen.

Crestron Isys is part of the complete Crestron Home™ line of fully integrated Home Control and Automation products. Crestron Home makes home technology practical and easy to use.

- > sleek, ergonomic design with 15" LCD touchscreen
- > unique modular system allows configuration of capabilities simply by adding expansion cards for video, graphics and Internet
- > displays XGA RGB video at native resolution
- > displays NTSC/PAL/S-Video with 256,000 colors
- > displays graphics with 64,000 colors
- > 10/100 BaseT (full/half duplex) Ethernet capability
- > supports dynamic and static IP addressing
- > built in webserver
- > local RS-232 port
- > built-in mic, headphone jack, mixer, amplifier, speakers, and line-level input/output
- > 16MB internal memory (upgradeable to 96MB)
- > stores and plays WAV files
- > optional 2-way RF Wireless Module, Gateway and Docking Station



# Crestron Isys™ TPS-6000 Advanced Touchpanel Control System

## 15" Tilt Model

### Touchscreen

**Display Type:** Touch-sensitive active matrix color LCD

**Screen Dimensions:** 15"/38.1 cm diagonal

**Screen Resolution:** 1024x768 pixels

**Screen Illumination:** Edgelit fluorescent

**Screen Tilt:** Soft-Touch adjustable screen tilt, 30-80 degrees

**Enclosure:** Black injection-molded case

### Connectors

#### TPS-6000:

- > **Headphone:** Mini phone jack
- > **Audio Input/Output:** 8-pin RJ45
- > **RS-232:** 6-pin RJ11
- > **RGBHV:** 15-pin high density, supplied by optional TPS-XVGA card
- > **Net/Video:** 10-pin RJ45
- > **LAN:** 8-pin RJ45

**TPS-IMC** Interface Module: Outboard module providing expanded audio/video/network connections to the touchpanel system.

- > **NTSC/PAL VIDEO:** BNCx2 or 6-pin Composite, plus Y/C, made active by optional TPS-VID card
- > **NET:** 4-pin, for connection to devices in the Cresnet system
- > **NET/VIDEO:** 10-pin RJ45, for touchpanel connection, plus Composite and S-Video input made active by optional TPS-VID card
- > **MIC OUT:** 3-pin, for line level microphone output
- > **AUDIO INPUT:** 6-pin RJ11
- > **AUDIO OUTPUT:** 8-pin RJ45

### Audio

Built-in microphone (AGC or fixed gain mode), balanced line level input and output, power amplifier (2W per channel), audio mixer, two stereo speakers and WAV file capability

### Memory

8MB internal flash memory, upgradeable to 64MB, and 8MB of DRAM, upgradeable to 32MB, with standard plug-in memory modules

## Expansion Card Options

**TPS-ENET** 10/100 BaseT Ethernet Card: (RJ45) Ethernet module provides full/half duplex TCP/IP and UDP/IP communication via Ethernet/LAN/WAN to any Crestron IP device. Power: 4W

**TPS-VID** Video Module Card: (RJ45) Video input digitizer allows NTSC or PAL video to be displayed on the touchpanel. Supports both Composite and S-Video formats, for full screen or window display. Power: 8W

**TPS-XVGA** RGB Graphics Card: (DB15) RGB interface card allows full screen or window display of computer video up to 1280x1024. Supports non-interlaced computer sources at native resolution of 1024x768, and scales signals of higher and lower resolutions for display. Power: 10W

### Power Requirements:

24W, 1A

### Dimensions

13" (33.1cm) H x 14.2" (36.1cm) W x 10.6" (26.8cm) D

### Weight

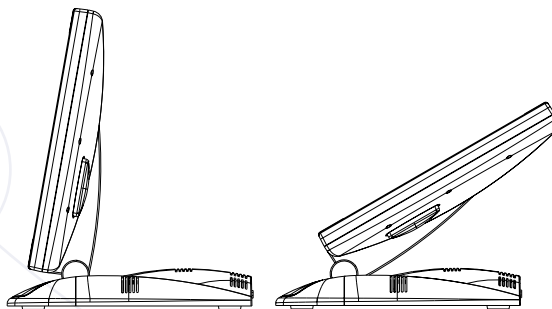
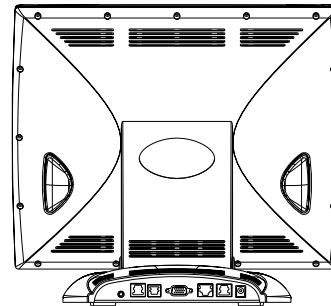
9.3 lb (4.2kg)

### Additional Options

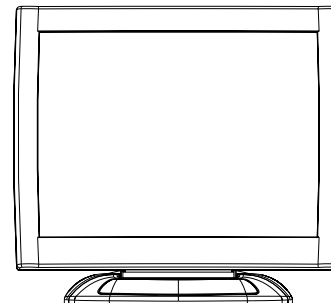
**RF Wireless Module, Docking Station and RF Gateway** for wireless operation

**TPS-IMW** Interface Module: Internal wall-mounted unit that installs into a two-gang electrical box. Same functions as the TPS-IMC, but with terminal block connections.

Isys TPS-6000 Rear View



Isys TPS-6000 Side View



Isys TPS-6000 Front View

NEW YORK    DALLAS    MEXICO CITY    LONDON    BEIJING  
LOS ANGELES    CHICAGO    BRUSSELS    PARIS    SINGAPORE  
ATLANTA    TORONTO    MUNICH    HONG KONG    TAIWAN

Crestron Electronics, Inc. 15 Volvo Drive • Rockleigh, NJ 07647  
Tel: 800.237.2041 / 201.767.3400 • Fax: 201.767.7576 • www.crestron.com

