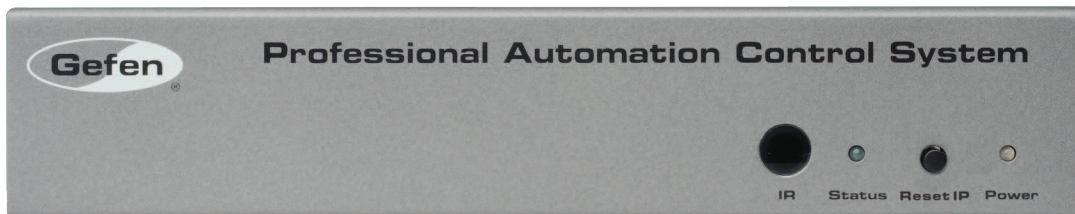




# Professional Automation Control System



EXT-PACS

## Control any RS-232, IR, or 12V trigger-controlled device through a Web or IP interface

The Professional Automation Control System (PACS) allows control of Gefen products and other A/V devices (e.g. displays, Blu-ray players, cable/satellite boxes, Lighting systems, motorized screens, etc.) through any Web-enabled smartphone, WiFi tablet, laptop, or automation system. The Web user interface allows IR, RS-232, and 12V trigger commands to be sent by the PACS to the connected devices to execute the desired functions. The IR, RS-232, and 12V DC triggers can be configured, allowing the PACS to be compatible with most A/V devices. It can learn, store, and manage IR commands of different manufacturers' remotes. The PACS is particularly suitable for use with the Gefen GAVA Automation System Processor; however it can be used in other systems capable of programmable IP communications or it can be configured as an RS-232-to-IR bridge.

## How It Works

Connect the serial-controlled devices to the PACS RS-232 outputs. Plug the IR emitters into the PACS and place the LED emitters close to the IR sensors of the A/V devices to be controlled. Connect trigger leads of various devices to the trigger outputs on the back panel. Connect the locking power supply to the PACS. Connect an Ethernet cable between the PACS and the local network.

Access the Web interface by typing in the correct IP address on the Web browser. Configure the control interfaces (IR, RS-232, 12V triggers) via your Web browser. Configure the Automation System to send commands to the PACS via IP.

## Features

- Control AV devices using IR, RS-232 control, and 12V triggers over a Web based IP control system.
- Configurable Ethernet input supports Telnet, Web browsers, and TCP/IP.
- Web Control: User interface designed to be viewed and controlled by home automation devices, computers, and mobile devices (i.e. cell phones with Internet browsers).

- 10 Trigger outputs (+12V, floating, or ground-referenced).
- Learns IR commands from manufacturer remotes, through front-panel IR receiver.
- Store and manage IR commands from manufacturer remotes and access them via the Web control interface.
- Eight discrete IR emitter outputs for multiple device control.
- Manage RS-232 commands via Web control interface for up to three RS-232 devices.
- Supports data transfer rates up to 115200 baud.
- Firmware upgradeable via Web interface.
- Rack-mountable using the 1U Rack Tray (Gefen part no. EXT-RACK-1U).

## Specifications\*

- RS-232 Serial Control Ports: (3) DB-9, female (supports Tx, Rx, and Gnd only)
- IR Emitter Outputs: (8) 3.5mm two-conductor mini-jacks
- Output Triggers: (10) pairs Phoenix Connectors (+12V DC, 100mA max.)
- Ethernet Port: (1) RJ-45 jack, shielded
- IR learning window
- Power Supply: 12V DC, Locking
- Power Consumption: 20W (max.) / 2W (standby)
- Operating Temperature: 0 - 40° C
- Dimensions: 8.4" W x 4.3" D x 1.65" H
- Shipping Weight: 4 lbs.



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\* Features and specifications subject to change without notice.