

## XP-6s Advanced Control Processor



The second generation of the popular XP-6, the redesigned XP-6s control processor is the perfect centerpiece of any professionally installed control system. With a rack-mountable design, faster internal CPU and bolstered with eight times more RAM memory than its predecessor, the powerhouse processor automates and enhances the operation of A/V, security, lighting, HVAC, and more.

Serving as the system communication backbone in a commercial or residential installation, the processor utilizes a massive database of drivers to facilitate integration of third-party devices into one cohesive system. Advanced control options include IP, RS-232, infrared, relays and sensing. Designed to meet the evolving needs of any project, the XP-6s has the support of the entire RTI ecosystem, allowing for easy expansion using multiple processors and a complete line of accessory devices.

### Accessories



**ESC-2**  
Ethernet to Serial Converter



**ZW-9**  
Z-Wave® Interface Module



**PCM-4**  
Port Control Module



**ZM-24**  
2.4GHz Zigbee® Transceiver



**RCM-4**  
Relay Control Module



**RM-433**  
433MHz RF Antenna

### Key Features

- Powerful 32bit, 1GHz CPU.
- 512MB of non-volatile Flash and 512MB of internal RAM memory.
- Compatible with all RTI wired, wireless (requires RTI RF antennas/Zigbee® transceivers), and app-based user interfaces.
- Six multi-purpose I/O ports are compatible with industry standard IR emitters, blasters, and repeater systems.
- Multi-purpose I/O ports also support optional RTI power sensing and communications modules.
- Three programmable 12VDC trigger outputs.
- Three assignable voltage sense inputs.
- Three programmable relay outputs.
- Three RS-232 ports for bi-directional communication.
- Built-in astronomical clock for time-based events and sleep timers.
- Input for connection of multiple RM-433 RF receiver modules.
- Variable IR output on all IR ports.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- Fast USB 2.0 and Ethernet programming.
- Field upgradable firmware.
- Rack mountable or free standing.

### Included in the Box

XP-6s, power supply (12V, 1A), RJ45 to DB9 serial adaptor (3), rack ears (2) with screws, feet (4) with screws, terminal blocks 18-position (1)



## Specifications

Power Supply ..... +12V DC, 1A

IR Output Ports ..... Six 3.5mm jacks  
.....Compatible with industry standard IR emitters

IR Output Drive ..... 100mA maximum (per port, adjustable)  
..... 200mA maximum (high IR output port)

Infrared Frequency Transmission Range..... 15kHz - 460kHz

Infrared Input.....Compatible with industry-standard  
.....repeaters and receivers

Trigger Outputs ..... Three, 12 VDC, 100mA max each

Relays ..... Three, 3 Amps @ 30 VDC

Sense Inputs..... Three, 3-24VDC

RS-232 Ports ..... Three, Bi-directional RJ45 Connections

Ethernet Port.....10/100Base-T, RJ45 Connection

USB Ports ..... One, Programming

RTI Com Port ..... Zigbee® Communication Port,  
.....RJ45 Connection

Mounting ..... Rack-mount or free standing

Operating Temperature ..... +32°F to +122°F (0°C to +50°C)

Operating Humidity ..... 5% to 95% Non-Condensing

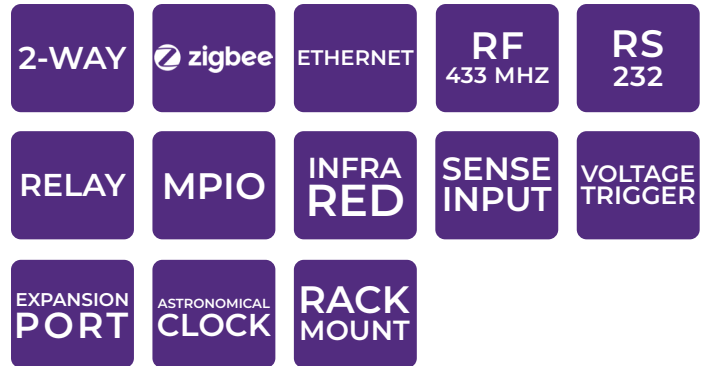
Dimensions (W x H x D)..... 8.5" x 1.72" x 6"  
..... 215.9mm x 43.7 mm x 152.4 mm

Weight .....2 lb. (907 g)

Warranty ..... Three Years (Parts & Labor)

All Specifications subject to change without notice.

## Features

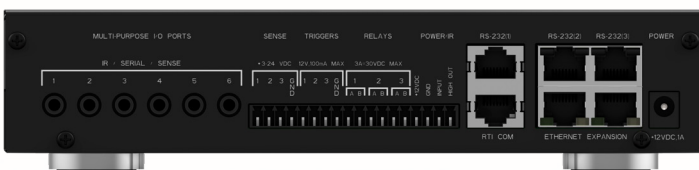


## Do more with Integration Designer 11

Integration Designer 11 elevates the experience for all RTI systems, from residential to commercial. Its stunning new template - complete with custom slider support, one-click background swapping and more - makes it faster than ever to deliver a beautiful finish to every installation. Drivers are directly accessible from within the software, with notifications to keep you always up to date. The integrated system manager lets you track rooms, room status, and source status to save time on every installation. All this and more in [Integration Designer 11](#).



Front view - cover removed



Rear view