



## XP-3 Control Processor

When the XP-3 is incorporated into an RTI control solution, the result is nothing short of exceptional. Boasting a powerful 533MHz CPU and 128MB of non-volatile flash memory, the processor packs a big punch and easy expansion capabilities. With a built-in RF transceiver and support for wireless bi-directional communications utilizing robust ZigBee® technology, the XP-3 can provide the user with real-time feedback from supported third-party devices such as music servers, lighting, security, and much more. Now, important data from these devices is available to the user with a simple touch – from current song information to the status of a security system - even the weather forecast! The XP-3 is loaded with features normally reserved for higher-priced processors, such as a built-in astronomical clock and control via Ethernet, RS-232, and relays. The XP-3 is the ultimate choice for powerful bi-directional control and automation at a moderate price!

### 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



**vIRsa Mouse®**  
Infrared Emitter

## Key Features

- Supports RTiPanel Apps.
- Supports same two-way drivers used by XP6s/XP8v.
- Powerful 32bit, 533MHz CPU/128Mb of non-volatile Flash memory
- One multi-purpose I/O port supports optional RTI power sensing and communications modules.
- Two IR output ports with variable output.
- Two assignable voltage sense inputs.
- Two programmable relay outputs.
- One two-way RS-232 port for bi-directional communication with supported devices.
- Integrated 10/100Base-T Ethernet port with PoE for powering, programming, control and two-way communication with compatible devices.
- Integrated 10/100Base-T Ethernet port supports Power-over-Ethernet (POE) Class 3.
- Built-in astronomical clock for time-based events and sleep timers.
- Built-in 2.4GHz ZigBee® RF transceiver module and removable antenna.
- Configurable for communication with non-Ethernet enabled RTI in-wall products and 433MHz wireless controllers.\*
- USB 2.0 and Ethernet programming.
- Field upgradable firmware.

## Specifications

Power Supply .....+12V DC, 1A or PoE (802.3af)  
 Wireless Networking..... IEEE802.15.4 Zigbee® network compliant  
 RF Frequency Range ..... 2.4GHz - 2.5GHz  
 Multi-Purpose Output Port (Port 1)..... One custom 3.5mm 4-conductor jacks  
 .....Designed for RTI modules as well as industry-standard IR emitters.  
 IR Output Ports (Ports 2 & 3)..... Two, 3.5mm jacks  
 .....Compatible with industry standard IR emitters  
 IR Output Drive..... 100mA maximum (per port, adjustable)  
 Infrared Frequency Transmission Range ..... 15kHz - 460kHz  
 RS-232 Port..... One, Bi-directional, RJ45 Connection  
 Ethernet Port .....One, 10/100Base-T with Power-over-Ethernet (Class 3)  
 Relays..... Two, 5 Amps @ 30 VDC or 12V/100mA Trigger  
 Sense Inputs..... Two, 3-24VDC. Off/Low Voltage condition must not exceed 1VDC  
 USB Ports..... One, Programming  
 Mounting..... Wall-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) ..... 7.0" (177mm) x 3.0" (76mm) x 1.0" (25mm)  
 Weight ..... 6.4 oz. (100g)  
 Warranty ..... Three Years (Parts & Labor)  
 All specifications subject to change without noticeAll Specifications subject to change without notice.

\*NOTE: Using a 433MHz RTI remote control with the XP-3 requires a separate RM-433 Antenna. Also, while this configuration is possible, it's use should be limited to secondary zones that aren't heavily used (guest rooms, outdoor areas etc). Installations requiring primary control via both Zigbee and 433MHz controllers should use an XP-6s or XP-8v control processor.



XP-3 Control Processor

## RTI User Interfaces

Remote Controls  
 Keypads  
 Audio Control Keypads

In-Wall Touchpanels  
 Tabletop Touchpanels  
 Mobile Apps



## RTI Control Accessories

Control Processors  
 System Kits  
 RS-232 Modules

IR Modules  
 Relay Modules  
 Z-Wave Modules



## RTI Audio/Video Distribution

HDMI Splitters & Switches  
 HDMI Matrix Switches  
 HDBaseT™ Matrix Switches

HDBaseT™ Extenders  
 Presentation Switches  
 Video over IP Systems



**Remote Technologies Incorporated**  
 5775 12th Avenue East, Suite 180, Shakopee, MN 55379  
 PH: (952) 253-3100 • Website: [www.rticorp.com](http://www.rticorp.com)

**RTI**  
 It's Under Control®