



## 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



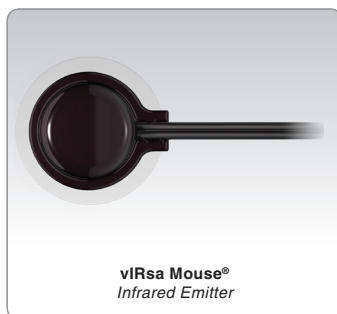
**PCM-4**  
Port Control Module



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



**RCM-4**  
Relay Control Module



**vIRsa Mouse®**  
Infrared Emitter

### Key Features

- Supports Virtual Panel and RTiPanel Apps.
- Supports same two-way drivers used by XP6/XP8.
- 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 for 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
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
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, its 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-6 or XP-8s control processor.



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## RTI User Interfaces

RTIPanel	Mobile & PC Software Interface (App)
SURFiR	Companion Remote Control
T1-B+	Remote Control
T2i	Remote Control
T2x	Remote Control
T3x	Remote Control
RKM-1+	In-Wall Audio Distribution Keypad
RK1+	2-4-8 Button In-Wall Keypad
KX1	1.2" Audio Distribution Keypad
KX2	2.8" In-Wall Touchpanel Keypad
KX3	3.5" In-Wall Touchpanel Keypad
KX7	7" In-Wall Touchpanel
KX10	10" In-Wall Touchpanel
CX7	7" Countertop/Under-Cabinet Touchpanel
CX10	10" Countertop/Under-Cabinet Touchpanel

## RTI Control Accessories

RP-4	RF Control Processor
XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8v	Advanced Control Processor
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
ZW-9	Z-Wave® Interface Module
CB-8	Touchpanel Connecting Block
CM-232	RS-232 Communication Module
CPB-1	Control Port Connecting Block
ECB-5	IR Connecting Block
ESC-2	Ethernet to Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Relay Control Module
vIRsa Mouse	IR Emitter

## RTI Audio/Video Distribution

AD-4x	4x4 Audio Distribution System
AD-8x	8x8 Audio Distribution System
AD-16x	16x16 Audio Distribution Matrix Switch
CP-450	4 Channel Cool Power® Amplifier
CP-1650	16 Channel Cool Power® Amplifier
VHD-4	4x4 HDBT Video Matix Switch
VHD-8	8x8 HDBT Video Matix Switch
VHT-1	HDBT Video Transmitter
VHR-1	HDBT Video Receiver

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**RTI**  
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