



XP-6s Advanced Control Processor

The XP-6s control processor is the perfect centerpiece of any professionally installed control and automation system. The XP-6s leverages the extensive RTI driver database to integrate third-party devices for the smart home or smart business, such as lighting, shades, security, audio and video distribution, and HVAC.

Control is delivered via IP, RS-232, infrared, relays, and sensing to support the entire RTI ecosystem and connected subsystems, allowing for easy expansion when using multiple processors and our line of accessory devices. With a rack-mountable design, the XP-6s has the processing power to deliver exceptional performance for smart home and smart business systems, and programs quickly with Integration Designer programming software.

Integration Designer software is only available to authorized RTI dealers.

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



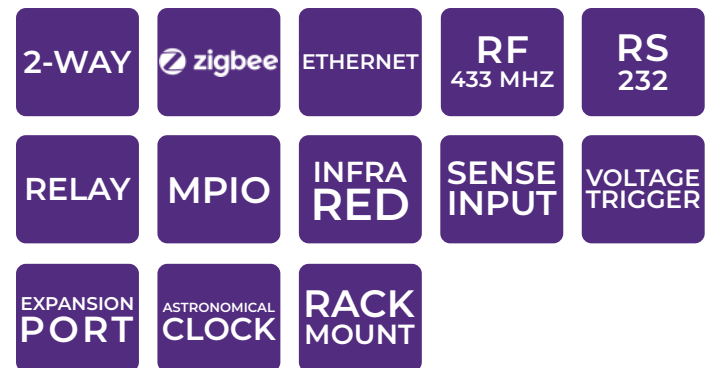
Front view - cover removed



Rear view

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](#).

