



Advanced Control Processor

XP-6s

SKU: 70899 UPC: 81006499013

The second generation of the incredibly 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 512 MB of RAM memory, 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.

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.

Power	+12VDC, 1A
Multi-Purpose 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	15 KHz - 460 KHz
Infrared Input	Compatible with industry-standard repeaters and receivers
Trigger Outputs	Three, 12VDC, 100mA max each
Relays	Three, 3 amps @ 30VDC
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	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)	8.5" (215.9mm) x 1.72" (43.7mm) x 6" (152.4mm)
Weight	2 lbs. (907g)
Warranty	Three Years (Parts & Labor)