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

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.

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

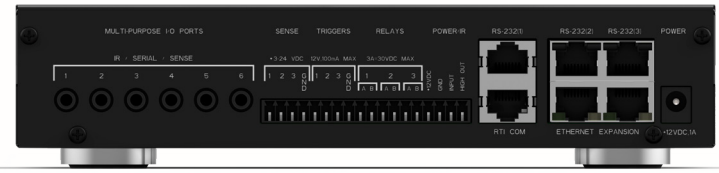
Dimensions (W x H x D)..... 8.5" x 1.72" x 6"
..... 215.9mm x 43.7 mm x 152.4 mm

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

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

All Specifications subject to change without notice.

Front view - cover removed



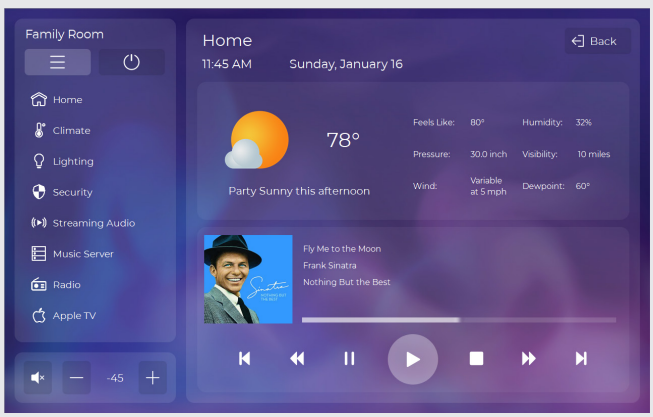
Rear view

Features

2-WAY | zigbee | ETHERNET | RF 433 MHZ | RS 232

RELAY | MPIO | INFRA RED | SENSE INPUT | VOLTAGE TRIGGER

EXPANSION PORT | ASTRONOMICAL CLOCK | RACK MOUNT

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.