



Key Features

- Six multi-purpose I/O ports.
- Three programmable 12VDC trigger outputs.
- Three assignable voltage sense inputs.
- Three programmable relay outputs.
- Two RS-232 ports for bi-directional communication.
- Compatible with RTI Zigbee® Transceiver Module for two-way communication.
- Compatible with all RTI wireless remote controls (when used with RF antennas/transceivers) and In-wall controllers.
- I/O ports are compatible with industry standard IR emitters, blasters, and repeater systems.
- All output ports incorporate both short-circuit and overload protection.
- Variable IR output on all ports.
- I/O ports support all optional RTI power sensing and communications modules.
- Programmed using the Integration Designer® Software.
- Non-volatile Flash memory stores your system configuration even when power is not present.
- USB and Ethernet programming.
- Input for connection of multiple RF receiver modules.
- Field upgradable firmware.

ZRP-6 Remote Control Processor

Representing the 2nd generation of the ground breaking RP-6 remote control processor from RTI, the ZRP-6 includes many welcome refinements. While maintaining all of the popular aspects of the RP-6, the ZRP-6 features an expanded configuration of control ports such as two-way RS-232 ports, relays, voltage sense inputs, trigger outputs and an Ethernet port. The ZRP-6 is also equipped with support for separate RTI 2.4GHz ZigBee® Transceiver Modules (ZM-24) and continued support for RTI 433MHz handheld remote controls and antennas. Multiple antennas/transceivers can be used together to gain greater RF transmission coverage in large projects, providing the freedom to access and control the electronics system from just about anywhere.

Description

Loaded with features, the ZRP-6 Control Processor is the perfect centerpiece for any control system, offering powerful control capabilities typically reserved for higher priced processors. Features include six addressable IR ports, centralized IR and macro storage, three relays provide contact closure, three voltage trigger outputs and three power sense inputs. Additionally, two dedicated RS-232 ports allow sophisticated bi-directional communication from compatible devices for feedback such as lighting status and volume levels on the controller and an Ethernet port allows programming over the network.

The ZRP-6 raises the level of automation and control of any electronics system with support for communication from RTI in-wall controllers and with RTI handheld controllers when used with separate RTI RM-433 antennas or ZM-24 Transceiver Modules (utilizing ZigBee® mesh network technology).

Call 952-253-3100

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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
Sense Inputs.....	Three, 3-24VDC
RS-232 Ports.....	Two, Bi-directional RJ45 Connections
Ethernet Port.....	10/100Base-T, RJ45 Connection
USB Ports.....	1 Programming
RTI Com Port.....	Two-way Zigbee® Communication Port, RJ45 Connection
Relays.....	Three, 3 Amps @ 30 VDC
Mounting.....	Wall-mount or free standing
Dimensions (W x H x D)	10.3" (262mm) x 5.25" (134mm) x 1.5" (38mm)
Weight	1 lb. 3 oz. (543g)
Warranty	One Year (Parts & Labor)

All specifications subject to change without notice



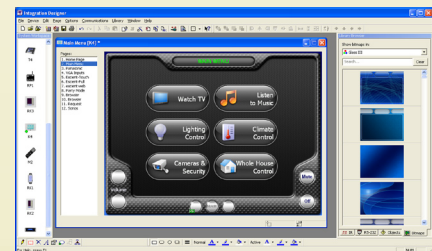
Accessories

RM-433	RF Receiver
ZM-24	2.4GHz Zigbee® Transceiver Module
CB-8	Touchpanel Connecting Block
RCM-12	Relay Control Module
ECB-5	IR Emitter Connecting Block
vIRsa Mouse	IR Emitter
CM-232	RS-232 Communication Module
VPS-1	Voltage Power Sensor
SPS-1	Video Sync Power Sensor



Other RTI Products

T1-B	Universal System Controller
M2	Universal System Controller
T2-B	Universal System Controller
T2-Cs	Universal System Controller
T2-C	Universal System Controller
T3-V	Universal System Controller
T4	Universal System Controller
U1	Weather Resistant Controller
U2	Weather Resistant Controller
RKM-1	In-Wall Multi-Room Audio Keypad
RK1	In-Wall Keypad Controller
RK2	In-Wall Touchscreen Controller
RK3-V	In-Wall Touchscreen Controller
K4	In-Wall Touchscreen Controller
IR-PRO	Infrared Capture System
ZB-PRO	Network Management Tool



Integration Designer® Programming Software