Control4® Z2iR ZigBee-to-IR Module

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ZCA-Z2IR10A-ZP

Can't run a wire or forget to run one? No problem. Now you can easily add every TV, set-top box, or other IR-controlled device to any Control4® installation—without control wire hassles and risks—with the Control4 Z2iR™. The Control4 Z2iR ZigBee-to-IR Module lets Control4 dealers add IR (infrared) control to any residential device with a Control4 driver—without 'home running' wires back to a controller.

The Z2iR ZigBee-to-IR Module lets dealers add IR (infrared) control to any residential device with a Control4 driver—without 'home running' wires back to a controller. One Z2iR controls up to four IR-enabled devices including TVs, projectors, streaming media devices, set-top boxes, window coverings, and more.

The Z2iR Module includes two IR emitters, a 110-220VAC-to-USB power module, a two-meter USB cable, and an adhesive strip to attach Z2iR Module to the target device. The two IR ports on a Z2iR are functionally identical to the controller's IR-only ports (serial data is not supported).

Just power up the Z2iR Module using any 5V USB 2.0-compliant port, identify it in the project, create your bindings, plug an IR emitter into the Z2iR, attach the LED to any IR-capable device, and you're all set. The Z2iR Module adds IR (infrared) control to any residential IR-enabled device with a Control4 driver.

- Running on USB power with two independent IR ports, the Z2iR module is sleek, small, and fast.
- One Z2iR controls up to four IR-enabled devices including: TVs, projectors, streaming media devices, set-top boxes, and window coverings.
- The Z2iR module includes two IR emitters, a 110-220VAC-to-USB Power Module, a two-meter USB cable, and an adhesive strip to attach the Z2iR module to the target device.

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Model Number	ZCA-Z2IR10A-ZP
System requirements	
Control4 OS system requirements	OS version 2.1 or greater
Control4 system integration	Each installed Z2iR adds two additional IR output bindings to Composer projects
Driver	The Z2iR DriverWorks driver is available in Composer Online Driver Database
Communication	
Networks supported	Control4 ZigBee Pro mesh networking protocol, based on the IEEE 802.15.4 ZigBee standard Operates as a parent-routing node in Control4 systems
ZigBee data rate	40 kbps - 250 kbps
ZigBee frequency range	2.405 – 2.475 GHz
Output	
Output ports	Two IR ports, 15 mA LED drive, 3.5 mm female mono jack "Dual binding" capable IR ports control 2 devices per port by splice, rewire, or third-party splitter for multiple IR emitter heads
IR emitters	Two IR emitters supplied with Z2iR: • 3.5mm male mono phone jack • IR LED (emits light wavelength invisible to the eye) • Double-sided tape for IR emitter LED plastics • Red tab on the cable indicates a non-flashing IR Emitter
IR blaster support	The Z2iR Module does *not* provide increased power to its ports for IR blaster capabilities. The Z2iR does support third-party IR blaster products that amplify the Z2iR 15 mA LED drive output. Consult third-party product specifications to assure compatibility.
LED indicator	
Button / LED indicator	Three LED operating modes supported and controlled in Z2iR's DriverWorks Driver Properties Page: • Power and ZigBee Connectivity status • IR port activity • LED off
Power	
Power consumption	~100mA at 5V, fully active
Power source	5VDC mini USB
Other	
Available colors	Black (non-paintable enclosure)
Dimensions (L × W × H)	2 13/16" (71.1 mm) × 1 3/4" (44.5 mm) × 9/16" (14.4 mm)
Weight	1.0 oz. (28.3 grams)
Environmental	Operational -20°F ~ 158°F (-28°C ~ 70°C) Humidity 5% to 95% non-condensing Storage -20°F ~ 158°F (-28°C ~ 70°C)
Regulatory / certifications	FCC Part 15, B; FCC Part 15, C RoHS-compliant CE

For more information on Control4 ZigBee networking accessories, visit ctrl4.co/zigbeenetworking

ZIGBEE NETWORKING ACCESSORIES

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