



# Combine wireless and IR control with the Card Access™ Z2iR™ ZigBee-to-IR Module for Control4®

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 Control $4^{\oplus}$  installation—without control wire hassles and risks—with the new Card Access<sup>TM</sup> Z2iR<sup>TM</sup>.

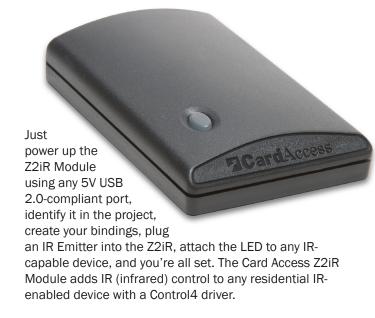
The Card Access Z2iR ZigBee-to-IR Module lets Control4 dealers add IR (infrared) control to any residential device with a Control4 driver—without 'home running' wires back to a Home Controller. One Z2iR controls up to 4 IRenabled devices including:

- TVs
- Projectors
- Streaming media devices
- Set-top boxes
- Window coverings

and more.

# **Supports Any Control4 IR Driver-Enabled Device**

The Card Access 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. Z2iR's two IR ports are functionally identical to the Home Controller's IR-only ports (serial data is not supported).

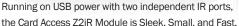


# Simpler, Faster, Safer than Running Wire

Over half of all Control4 installations take place in retrofits/existing homes, and most Control4 clients object to paying for pulling wires to control devices in their home. But industry data shows consumers will pay up to \$1,500 to have their TVs mounted correctly, with components connected, and getting all the other control devices placed out-of-sight.

For the same price (or less) than "home running" an IR control wire to each device, the Card Access Z2iR Module offers a cost-effective, better-looking, and (best of all) simpler solution for you and your clients. All without risking a job's profitability because of what might be hiding inside a wall.











# **Specifications**

## **MODEL NUMBERS**

Z2IR10A-ZP, Z2IR10A-ZP-10P

### **AVAILABLE COLORS**

• Black (non-paintable enclosure)

#### **DIMENSIONS**

- 2 13/16"(L) x 1 3/4"(W) x 9/16"(H)
- 71.1mm (L) x 44.5mm (W) x 14.4mm (H)

#### WEIGHT

• 1.0 oz. (28.3 grams)

#### **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**

40kbps - 250kbps

# **ZIGBEE FREQUENCY RANGE**

• 2.405 - 2.475 GHz

#### **POWER CONSUMPTION**

~100mA at 5V, fully active

## **OUTPUT PORTS**

• Two IR ports, 15 mA LED drive, 3.5mm female mono jack

## IR EMITTERS

Specifications for two (2) 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's 15 mA LED drive output. Consult third-party product's specifications to assure compatibility.

# **POWER SOURCE**

5VDC Mini USB

## **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 status
- LED Off

#### **INTEGRATED FEATURES**

- Wireless reception and conversion of IR codes over ZigBee interface with output to IR emitters
- "Dual Binding" capable IR ports control 2 devices per port by splice, rewire or third-party splitter for multiple IR emitter heads)
- Card Access ZigBee Extender Technology<sup>™</sup> for mesh network coverage and expansion

#### ENVIRONMENTAL

- Operational -20°F to 158°F (-28°C to 70°C)
- Humidity 5% to 95% Non-Condensing
- Storage -20°F to 158°F (-28°C to 70°C)

# REGULATORY / CERTIFICATIONS

- FCC Part 15, B; FCC Part 15, C
- RoHS-compliant
- CE

## **CONTROL4 SYSTEM REQUIREMENTS**

- Control4 Home Controller
- Control4 Version 2.1.x or greater

## CONTROL4 SYSTEM INTEGRATION

 Each installed Z2iR adds two additional IR output bindings to Composer projects

### **DRIVER**

- The Z2iR Module requires a Card Access-supplied DriverWorks Driver be downloaded and added to the Control4 Composer project
- The Z2iR DriverWorks Driver is available in Composer's Online Driver Database or on the Card Access Website



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