

## ZigBee Extender 3

# Create a Deeper and Bigger ZigBee Mesh Network than Ever Before

Control4®'s ZigBee PRO™ mesh networking technology brings industry-leading functionality, stability, and scalability benefits to consumers and installers. As with most wireless communications technologies, there can be unforeseen challenges to overcome. That's why for nearly eight years Control4 dealers have relied on Card Access™ wireless products to answer these challenges and improve mesh networking performance.

### Solve the Toughest ZigBee Issues

Control4 installers have been using Card Access ZigBee Extenders in their projects to :

- Deal with “parent-child” device ratios and routing vs. non-routing nodes
- Eliminate mesh network “dead spots”
- Increase the size and density of the ZigBee mesh
- Improve ZigBee signal latency for devices installed on the fringes of a ZigBee mesh network

The new features of the Card Access ZigBee Extender 3 does this in even a bigger way:

- **Deeper routing tables.** The routing table in the ZigBee Extender 3 is over *eight times larger* than previous models, supporting up to 64 nodes - *twice as many as any other extender on the market.*



- **Easy installation** with Control4's single button 4-click setup.
- **Going the distance.** The ZigBee Extender 3 operates up to 900 feet open-air line of sight from the Control4 Controller.

### There is only ONE choice for making the best ZigBee mesh network possible

The Card Access ZigBee Extender 3 was designed to do one thing – extend and bolster your ZigBee mesh – and there is no other product on the market that even comes close to doing this as well as our newest extender.



*Devices using Card Access ZigBee Extender Technology combine superior radio design and firmware changes enabling them to act as parent-routing nodes in*

# ZigBee Extender 3

## Specifications

### MODEL NUMBERS:

- ZCA-ZXT30
- ZCA-ZXT30-10PK

### UNIT DIMENSIONS:

- 2.8 in (Length) x 1.75 in (Width) x .57 in (Depth)
- (77.1 mm x 44.5 mm x 14.4 mm)

### UNIT WEIGHT:

- 1.6 ounces (45 grams) with batteries

### POWER SOURCE:

- 5VDC at 200 mA minimum power supply

### REGULATORY:

- CE
- FCC Part 15 Class B
- RoHS Compliant
- Control4 Certified

### STORAGE TEMPERATURE:

- -20°F to 158°F (-28°C to +70°C)

### OPERATIONAL TEMPERATURE:

- -20°F to 158°F (-28°C to +70°C)

### HUMIDITY:

- 5% to 95% Non-Condensing

### CONTROL4 VERSION SUPPORT:

- Version 2.0 or later.

### COMMUNICATIONS:

- ZigBee (IEEE 802.15.4) 2.4 GHz, 15-channel spread spectrum radio.

### BUTTON PRESS GUIDE:

- 4 Button Presses: Identify and join ZigBee network
- 9 Button Presses: Rest to factory defaults
- 13 Button Presses: Remove Extender from network
- 15 Button Presses: Reboot

### LED COLOR CODES:

- Green: Unprovisioned
- Yellow: Scanning for network
- Red: Network cannot be found
- Blue: Joined network

### INCLUDED IN PACKAGE:

- One (1) ZigBee Extender 3 device
- One (1) North American 5V DC power supply
- One (1) wall mounting Velcro strip
- One (1) Button Press Guide/LED Color Code Instruction Card

### CONTROL4® SYSTEM REQUIREMENTS

- Control4 Home Controller or Media Controller
- Control4 Composer Version 2.0 or greater

**ORDER THE CARD ACCESS ZIGBEE EXTENDER 3 AND OTHER  
CARD ACCESS PRODUCTS DIRECTLY FROM CONTROL4**



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