

# CLW-EXPEX

## infiNET EX® Wireless Expander

- > Extends wireless range up to 150 feet (46 meters) indoors
- > Up to 5 expanders can be added to a single infiNET EX® network
- > Plugs into a standard 3-prong 120V AC receptacle
- > Automatic discovery for fast, easy setup
- > Wi-Fi® friendly channel assignment

The CLW-EXPEX is a two-way RF wireless expander designed to extend the range of an infiNET EX® network. Requiring only a standard 120V AC power outlet, the CLW-EXPEX can be installed easily and discreetly to fill any “dead” space between two or more rooms.

### infiNET EX

Ultra-reliable infiNET EX wireless technology provides steadfast two-way RF communications throughout a residential or commercial structure without the need for physical control wiring. Employing a 2.4 GHz mesh network topology, each infiNET EX device functions as an expander, passing command signals through to every other infiNET EX device within range (approximately 150 feet or 46 meters indoors), ensuring that every command reaches its intended destination without disruption<sup>[1]</sup>.

The CLW-EXPEX communicates with a Crestron® control system via an infiNET EX Wireless Gateway (model CEN-RFGW-EX, DIN-AP3MEX, or MC3<sup>[2]</sup>). Up to 100 infiNET EX devices may coexist on a single wireless network, and every device that is added to the network effectively increases the range and stability of the entire network by providing multiple redundant signal paths<sup>[1]</sup>.

## SPECIFICATIONS

### Wireless

**RF Transceiver:** infiNET EX® 2-way RF, 2.4 GHz ISM Channels 11-26 (2400 to 2483.5 MHz), default channel 15; IEEE 802.15.4 compliant  
**Range (typical):** 150 ft (46 m) indoor, 250 ft (76 m) outdoor to nearest mesh network device(s); subject to site-specific conditions and individual device capabilities<sup>[1]</sup>

**Gateway:** Requires an infiNET EX gateway<sup>[2]</sup>

### Controls

**SETUP:** (1) Pushbutton with green LED, used to link to a gateway

### Connectors

(1) Grounded AC plug (with ground pin down)

### Power Requirements

120 Volts AC, 60 Hz

### Enclosure

Plastic



### Environmental

**Temperature:** 32° to 104°F (0° to 40°C)

**Humidity:** 10% to 90% RH (non-condensing)

### Dimensions

**Height:** 5.71 in (145 mm); 5.30 in (135 mm) without upper tab

**Width:** 3.13 in (80 mm)

**Depth:** 1.75 in (45 mm) not including power plug blades

### Weight

9 oz (256 g)

### Standards & Certifications

UL Listed

## MODELS

### Available Models

**CLW-EXPEX-GD-W-T:** infiNET EX® Wireless Expander, Ground Pin Down, White Textured

Notes:

1. Any infiNET EX device that provides expander functionality will effectively extend the range of the wireless network beyond the initial range of the gateway. Battery-powered infiNET EX devices do not provide expander functionality.
2. Item(s) sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/salesreps](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

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# CLW-EXPEX infiNET EX<sup>®</sup> Wireless Expander

## CAD DRAWINGS

