

CNRFGWA-418

418MHz 1-Way RF Gateway

The CNRFGWA-418 Gateway is an RF receiver that allows Crestron 1-way RF wireless touchpanels and handheld remotes to communicate with the control system via the Cresnet network. Each CNRFGWA-418 affords a range of approximately 300 feet. Extended range can be achieved by distributing multiple gateways throughout a structure. Each gateway behaves as a Cresnet slave device requiring just one Cresnet wire to each gateway location.

The CNRFGWA-418 is compatible with Crestron devices that transmit 1-way RF at 418 MHz only. For 434 MHz 1-way devices, use the **CNRFGWA**.

SPECIFICATIONS

Wireless

RF Receiver: 418 MHz 1-way RF, crystal locked

Range: Up to 300 feet

Maximum 15 touchpanels or 240 handheld remotes per gateway;

Minimum distance allowed between gateways is 50 feet

Connectors

NET: (1) 4-pin 5mm detachable terminal block, Cresnet slave port;
Connects to Cresnet control network

ANTENNA: (1) BNC female;

Impedance: 50 ohms (antenna included)

Controls

ID CODE: (2) Rotary DIP Switches;

Used for setting the unit's Cresnet ID

LED Indicators

SIGNAL: (red) Indicates reception of a valid RF signal

I.D. SELECT: (red) Indicates communication established with control system

NET PWR: (green) Indicates 24 Volts DC power supplied from Cresnet control network

Power Requirements

Cresnet Power Usage: 3 Watts (0.125 Amps @ 24 Volts DC)

Environmental

Temperature: 41° to 113°F (5° to 45°C)

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

Enclosure

Black metal, freestanding

Dimensions

Height: 7.28 in (18.49 cm) without antenna;

15.20 in (38.61 cm) with antenna

Width: 3.25 in (8.25 cm)

Depth: 1.35 in (3.44 cm)

Weight

1.1 lbs (0.5 kg)

AVAILABLE MODELS

CNRFGWA: 434 MHz 1-Way RF Gateway

CNRFGWA-418: 418 MHz 1-Way RF Gateway



AVAILABLE ACCESSORIES

CNANT: High-performance extension antenna