

STRFGWX

418 MHz 2-Way RF Gateway

The STRFGWX gateway is an RF transceiver that allows Crestron 418 MHz 2-way wireless touchpanels to communicate with the control system via the Cresnet network. Each STRFGWX affords a range of approximately 50 feet indoors and up to 150 feet outdoors. Extended range can be achieved by distributing multiple gateways (up to 16 per control system) throughout a structure.

SPECIFICATIONS

Wireless

RF Transceiver: 418 MHz 2-way RF

Range: 3 to 50 feet min/max (typical indoor), 150 feet outdoor
Maximum 15 touchpanels per gateway

Connectors

NET: (2) 6-pin RJ11 female, Cresnet slave port;
Connect to Cresnet control network;

All NET connectors paralleled

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

All NET connectors paralleled

12VDC: (1) 2.5mm barrel DC power jack;

12 Volt DC power input (PW-1205 power supply included)

LED Indicators

PWR: (green) Indicates DC power supplied from Cresnet network

NET: (yellow) Indicates communication with the Cresnet system

SIG: (red) Indicates communication with a valid RF signal

Rx: (red) Indicates when a command is received from a touchpanel

Tx: (red) Indicates when feedback is transmitted to a touchpanel

Power Requirements

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1205 included): 120 Volts AC @ 60Hz

Cresnet Power Usage: 3 Watts (0.125 Amp @ 24 Volts DC) with no power supply connected to the 12VDC connector

Environmental

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

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

Enclosure

Chassis: Steel, black matte powder coat finish

Faceplate: Extruded aluminum, black matte powder coat finish with polycarbonate label overlay

Dimensions

(Without antenna)

Height: 1.70 in (4.32 cm)

Width: 7.07 in (17.95 cm)

Depth: 6.32 in (16.06 cm)

Weight

2.10 lb (0.95 kg)

INTERNATIONAL VERSION (230 VAC)

STRFGWXI

All the features and specifications of the STRFGWX except:



Power Requirements

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1210RU included): 230 Volts AC @ 50Hz

Cresnet Power Usage: 3 Watts (0.125 Amp @ 24 Volts DC) with no power supply connected to the 12VDC connector

INCLUDED ACCESSORIES

(See individual product specifications for complete information)

PW-1205 (or PW-1210RU) : 12 Volt Power Pack

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