

RF GATEWAYS

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. Each gateway behaves as a Cresnet slave device requiring just one Cresnet wire to each gateway location.



SPECIFICATIONS

Connectors

NET: (2) 6-pin RJ11 female
Connects to Cresnet control network
All NET connectors paralleled

NET: (1) 4-pin 5mm detachable terminal block
Connects to Cresnet control network
All NET connectors paralleled

12VDC: (1) 12 VDC power jack (PW-1205 power supply incl.)

Wireless

RF Transceiver: 418 MHz 2-way RF (GB use only)

Range: 3 to 50 feet min/max (typical indoor), 150 feet outdoor

Compatible with Crestron STX-1700C and STX-1700CW RF wireless touchpanels
Maximum 15 touchpanels per gateway

LED Indicators

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

6 Watts (0.5 Amps @ 12 Volts DC)
PW-1205 power supply included

Cresnet Power Usage: 3 Watts (0.125 Amp @ 24 VDC)
STRFGWX may be powered via Cresnet (with no power supply connected to the 12VDC connector)

Enclosure

Black metal, freestanding, attached antenna

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 lbs (0.95 kg)

Declaration of Conformity

Hereby, Crestron International, declares that the STRFGWX is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

INTERNATIONAL VERSION (230 VAC) STRFGWXI

All the features and specifications of the STRFGWX except:

Power Requirements

PWI-1210 power supply included

Declaration of Conformity

Hereby, Crestron International, declares that the STRFGWX I is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.