

# Relay Pro Wireless Bridge

DS010-RELAY-PRO



## Wire Replacement for Advanced Relays

- Installs in minutes
- Sure-as-a-wire
- Competitive with true cost of wiring for all job types (easy and difficult wire pulls)
- Multiple relay types suitable for multiple applications

### FEATURES

- 8 relays each direction. See reverse
- DIN rail mount or direct wall mount
- Signal Strength, Transmit & Receive indicators
- Test Button for easy range testing
- Field configurable and updatable with Sure-Fi® App



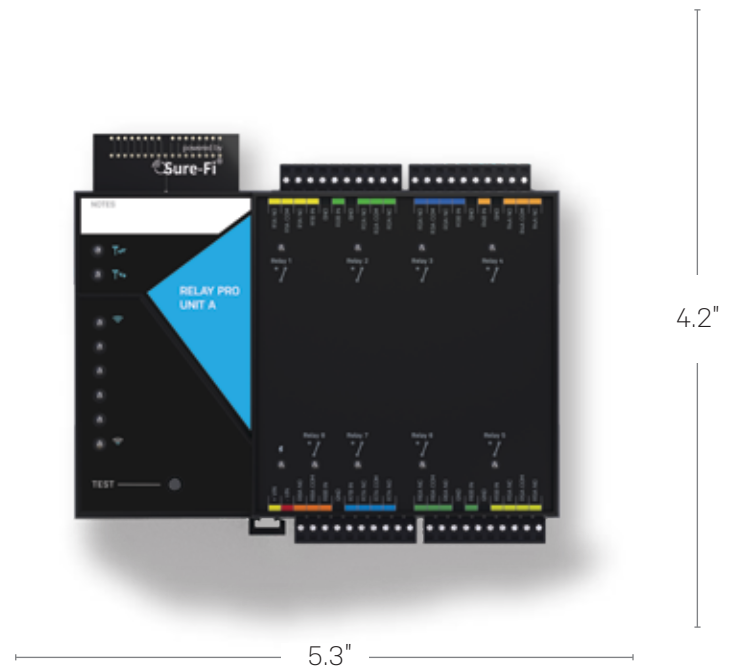
### TECHNOLOGY

- Up to 1 mile range with obstructions and 50+ miles line-of-sight
- The only 100% reliable, commercial grade wire replacement system
- Proprietary PCB Antenna design
- FCC (USA) and IC (Canada) certified
- Patents pending

## SPECIFICATIONS

- **OPERATING VOLTAGE:**  
12VDC +/- %5
- **OPERATING CURRENT:**  
0.08A (idle), 0.75A (transmit)
- **OPERATING POWER:**  
9 Watt (peak)
- **TRANSMIT POWER:**  
1 Watt (30dBm)
- **FREQUENCY BAND:**  
902 - 928Mhz
- **CHANNELS:**  
72 (Frequency Hopping)
- **RECEIVER SENSITIVITY:**  
-133dBm
- **LINK BUDGET:**  
163dB
- **RANGE:**  
Up to 1 mile through Obstructions.  
Greater than 40 Miles line-of-sight
- **SECURITY ENCRYPTION:**  
AES128
- **RELAYS (8 total each unit):**
  - 2 - FORM C Mechanical Relays  
5A 220VDC/250VAC
  - 5 - FORM C Solid State Relays  
2A 30VDC/30VAC
  - 1 - FORM A Solid State Relay  
0.75A 30VDC/30VAC
- **OPERATING TEMPERATURE:**  
-40oC to +85oC (-40oF to +185oF)
- **STORAGE TEMPERATURE:**  
-55oC to +125oC (-67oF to +257oF)
- **MOUNTING OPTIONS:**  
DIN 35 (35mm x 7.5mm) or directly  
mount with two screws

## Relay Controller Interface Front



## Relay Remote Interface Front

