



Low Voltage Relay Wireless Bridge

DS012-RELAY-LOW

1-to-8 Wire Replacement for Simple Relays

Connect up to 8 different Relay Endpoints units to a single Controller unit and/or control up to 8 relays on a single Endpoint.

Forget about the miles of wire - make any low voltage relay job wireless in minutes.

FEATURES

- Works with 12-24V AC/DC wired systems
- Signal Strength, Transmit & Receive indicators on equipment unit
- Test Button for easy range testing
- Connect up to 8 Endpoint Units to a single Hub
- 8 Solid State Relays (5 with shared common, 3 form A)
- 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:**
24 VAC +/- %5
- **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
- **ENDPOINT RELAYS:**
1A 60 V Peak NO, COM
- **OPERATING TEMPERATURE:**
-40oC to +85oC (-40oF to +185oF)
- **STORAGE TEMPERATURE:**
-55oC to +125oC (-67oF to +257oF)

Low Voltage Relay Endpoint Front



Low Voltage Relay Controller Front

