



Sure-Fi Analog Wireless Bridge

Wire Replacement for Industrial Control

- Installs In Minutes
- Sure as a wire
- Works with Multiple Analog Inputs and Outputs (4-20 mA and 0-10 VDC)
- General Purpose Relays suitable for multiple applications.

✔ FEATURES

- One Relay Input/Output each direction
- 2 Voltage Loops Input/Output each direction
- 2 Current Loops from Sensor to Receiver
- 2 Thermister inputs from Sensor to Receiver
- 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:**
20 to 30VAC
- **OPERATING CURRENT:**
0.02A (idle), 0.26A (transmit)
- **TRANSMIT POWER:**
1 Watt (30dBm)
- **FREQUENCY BAND:**
902 - 928 MHz
- **CHANNELS:**
72 (Frequency Hopping)
- **RECEIVER SENSITIVITY:**
-133dBm
- **LINK BUDGET:**
163dB
- **RANGE:**
Up to 1 mile through obstructions and 50+ miles line-of-sight
- **RELAY INPUT:**
Relay input (IN 1): 7VAC/VDC min turn On, 30VAC/VDC max
- **RELAY CONTACTS:**
One Form C solid state relay, 2A 30VDC / 30VAC
- **VOLTAGE LOOP INPUTS:**
2 each unit
0 to 10VDC, +/- 25mV FS
- **VOLTAGE LOOP OUTPUTS:**
2 each unit
0 to 10VDC, +/- 25mV FS
- **CURRENT LOOP INPUTS:**
2 on Sensor Interface unit
4 to 20mA, +/- 75uA FS
- **CURRENT LOOP OUTPUTS:**
2 Receiver Interface unit
4 to 20mA, +/- 75uA FS
- **THERMISTOR INPUTS:**
2 on Sensor Interface unit
NTC 10K Type 2/3 (10KΩ @ 25°C)
- **THERMISTOR OUTPUTS:**
2 on Receiver Interface unit
0 - 10VDC, +/- 25mV FS

Analog Controller Interface Front



Analog Remote Interface Front

