



Wiegand Wireless Bridge

Wire Replacement for Access Control

Installs in minutes

Sure-as-a-wire

- Competitive with true cost of wiring for all job types (easy and difficult wire pulls)
- General purpose relays suitable for multiple applications
- 💿 Chain multiple pairs for extended range

SEATURES

- Works with any Wiegand protocol
- 1 Wiegand input
- 2 relay outputs (Wet or Dry)
- Request to exit input (REX)
- Door monitor input (DPS)
- Battery backup input with battery charger and UPS function
- DIN rail mount or direct wall mount
- Signal Strength, Transmit & Receive indicators
- Test Button for easy range testing
- Field configurable and updatable with the Sure-Fi App



S TECHNOLOGY

- Up to 1 mile range through obstructions and 50+ miles line-of-sight
- Patented Bunker Busting Technology, using 900 MHz
- Works inside metal enclosures
- Proprietary PCB Antenna design
- FCC (USA) and IC (Canada) certified



SPECIFICATIONS

- **OPERATING VOLTAGE:** 12VDC (9VDC tp 15VDC)
- OPERATING CURRENT (@12VDC): 0.08A (idle), 0.3A (transmit)
- OPERATING POWER (@12VDC): 3.6 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 and 50+ miles line-of-sight

- ENCRYPTION: AES128
- **BATTERY BACKUP CONNECTION:** 12V Sealed Lead Acid (SLA) type only
- **BATTERY CHARGE VOLTAGE:** 13.75V maximum at standby
- RELAYS: 2A 250VAC / 2A 250VDC wet or dry NO, NC, COM (x2)
- **OPERATING TEMPERATURE:** -40 F to +185 F (-40 C to +85 C)
- STORAGE TEMPERATURE: -67 F to +257 F (-55 C to +125 C)
- MOUNTING OPTIONS: DIN (35mm x 7.5mm) or directly mount with two screws

Wiegand Controller Interface





Wiegand Remote Interface