



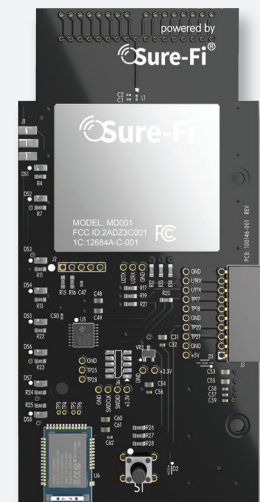
# Wiegand Wireless Bridge

## 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

### ✔ FEATURES

- 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



### 📶 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

