

## Access Pro Wireless Bridge

A wireless bridge that enables you to wirelessly connect Wiegand-based and/or OSDP access control systems, which are often used in security applications. These Access Control systems generally involve cables and wiring to transfer data between a card reader (like an access card scanner) and the control panel that decides whether to unlock a door.

The bridge consists of two parts: a transmitter and a receiver. The transmitter (Remote Interface) is connected to the card reader, which reads access cards or key fobs. When a card is read, the transmitter sends the data wirelessly to the receiver. The receiver (Controller Interface), in turn, is connected to the control panel and sends the data to it, just as if it were wired directly to the card reader.



## Benefits

The benefit of using the Sure-Fi Access Pro Kit is that it eliminates the need for complex and potentially expensive cabling between card readers and the control panel, especially over large distances or through challenging environments. It can be particularly useful in retrofitting older buildings where adding new wiring would be difficult or intrusive.

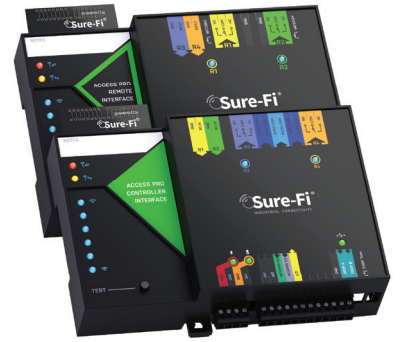
### Items Included

- 1 - Sure-Fi Access Pro Wireless Bridge System (DS011-ACCESS-PRO). Includes one Controller and one Remote Interfaces
- 2 - 12V 2.5A Output Power Supplies with 100-240, 277 VAC Input
- 2 - 6 foot power cords
- 1 - Sure-Fi Screwdriver

5 Year Warranty

## Access Pro Wireless Bridge SFK-DS011-ACCESS-PRO

Up to 1 mile range through obstructions and 50+ miles line-of-sight with patented Bunker Busting Technology. Using 900 MHz, works inside metal enclosures  
Proprietary PCB Antenna design as well as 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

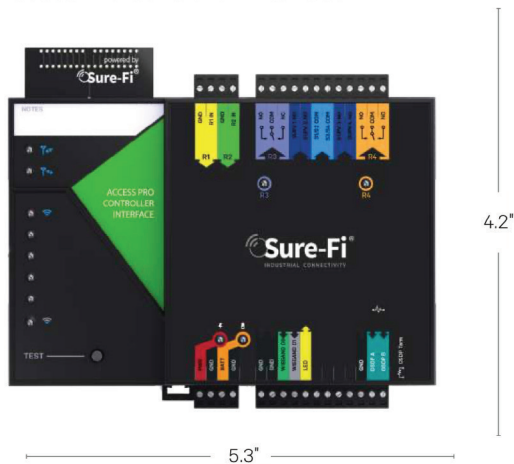
-67 F to +257 F (-55 C to +125 C)

#### Mounting Options

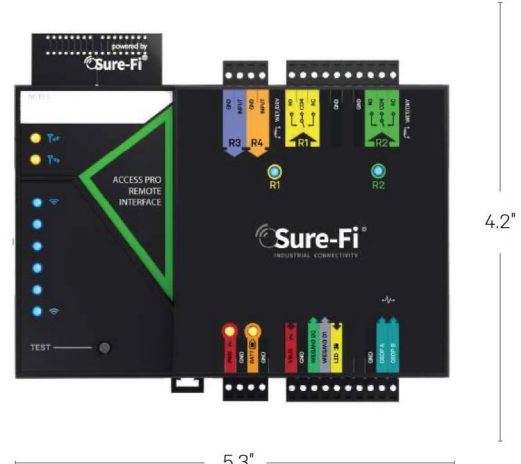
DIN (35mm x 7.5mm) or directly mount with two screws

### Dimensions

Access Pro Controller Interface



Access Pro Remote Interface



5 Year Warranty