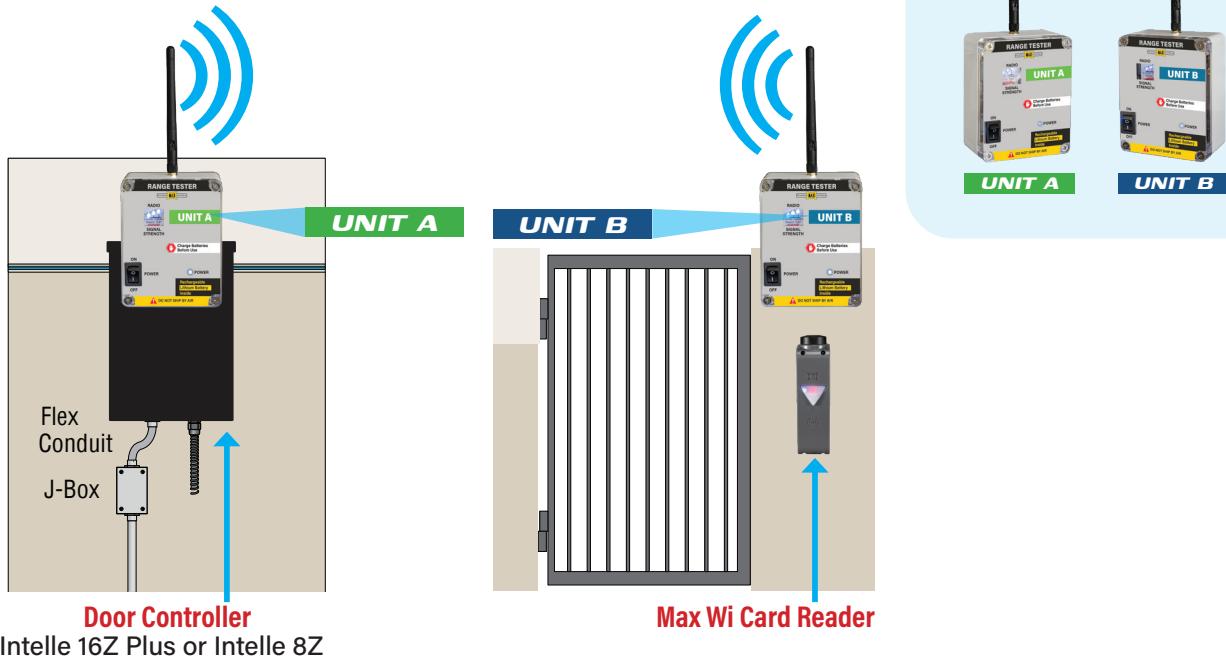


QUICK INSTALLATION GUIDE  
**MAX WIRELESS RANGE TESTER KIT**



Use this Range Tester Kit to determine wireless range for each Entry Point in an application



**THIS UNIT INCLUDES RECHARGEABLE BATTERIES**  
MUST CHARGE BATTERIES BEFORE TESTING RANGE (CHARGER INCLUDED)

**Note:** Low batteries can give inaccurate range readings

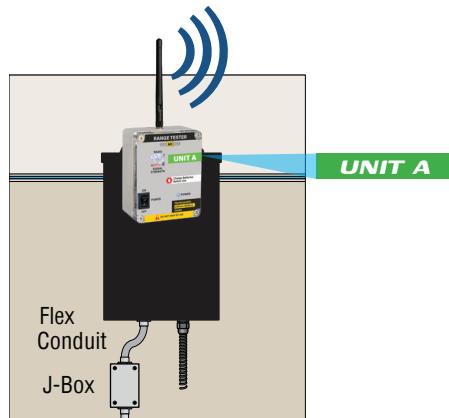
- 1** CHARGE BATTERIES ON BOTH UNITS UNTIL GREEN LED SHOWS ON CHARGER  
Turn on Unit **A** and Unit **B**
- 2** PLACE UNIT **A** DOOR CONTROLLER MOUNTING LOCATION
- 3** PLACE UNIT **B** ENTRY POINT MOUNTING LOCATION
- 4** TEST RANGE BETWEEN UNITS **A** AND **B** AT BEST RANGE (3 LEDS ON)
- 5** REPEAT THE SAME TO TEST RANGE FOR THE NEXT WIRELESS ENTRY POINT  
(JUMP TO STEP 2)

**IF RANGE IS POOR, TRY THE FOLLOWING**

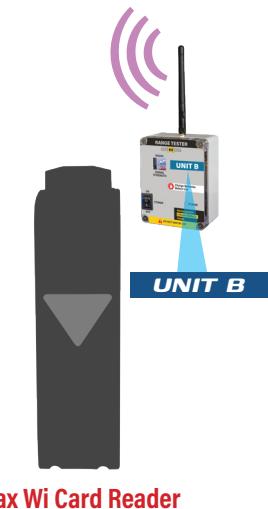
- Reposition Unit **B**
- Reposition Unit **A** (Door Controller location)  
(Consider installing Door Controller outside of building)

## IF RANGE IS STILL POOR:

Plan to use a repeater mid way between unit **A** & **B**



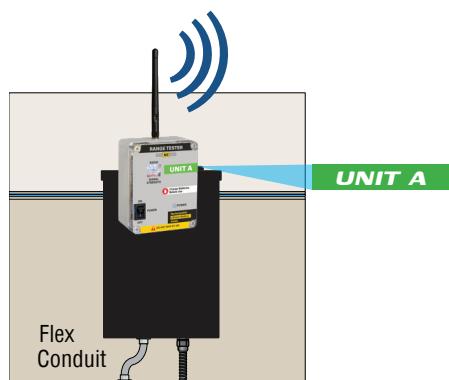
**Door Controller**  
Intelle 16Z Plus or Intelle 8Z



**Max Wi Card Reader**

## TO DETERMINE REPEATER LOCATION:

**A** Place unit **A** at Door Controller location



**Door Controller**  
Intelle 16Z Plus or Intelle 8Z

**B** Place Unit **B** as far as possible from Unit **A** toward **Entry Point** (possible Repeater location) while maintaining good range



**Max Wireless Repeater**

**C** Move unit **A** to Unit **B** location and move Unit **B** to **Entry Point** location and check for good range



**Max Wireless Repeater**



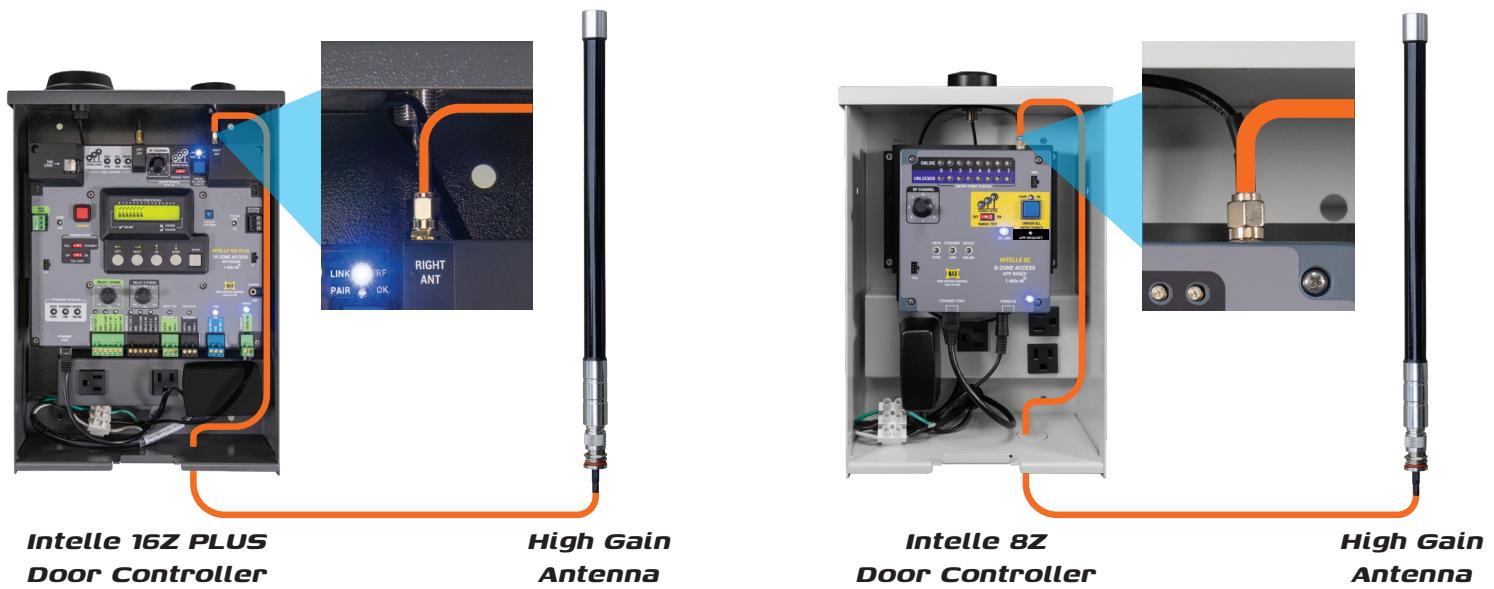
**Max Wi Card Reader**

If range is good, the new location of Unit **A** is the ideal **Max Wireless Repeater** location

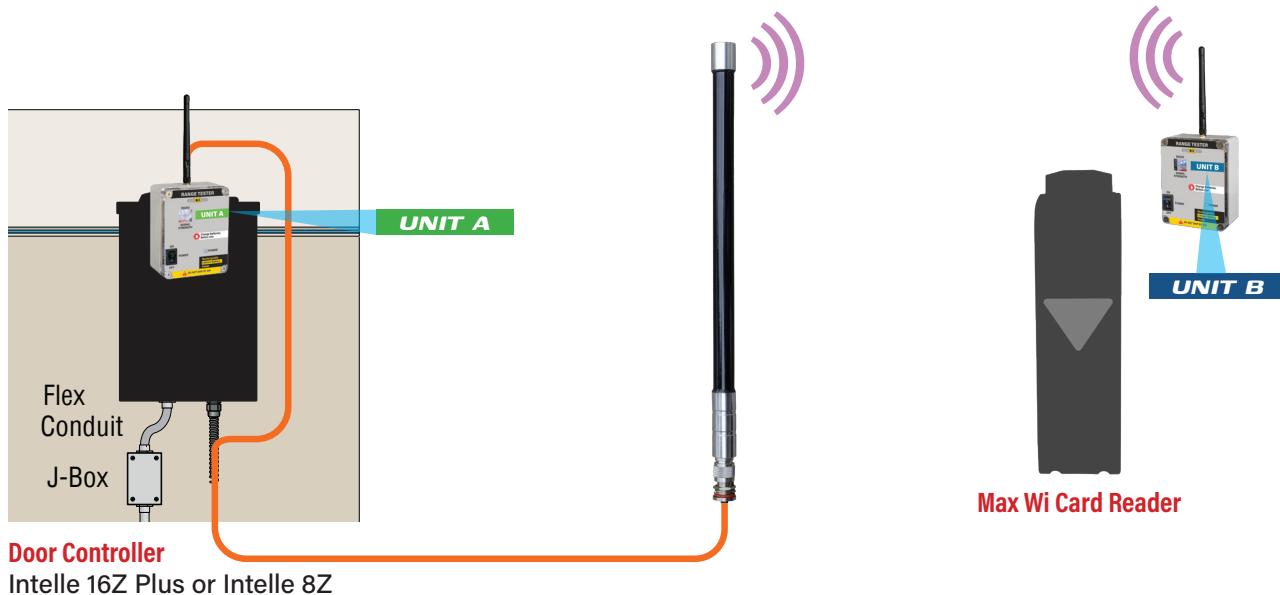
## IF RANGE IS STILL POOR:

If range is still poor (Less than 3 LEDs) for any of the **Entry Points**, consider using **High Gain Antenna** on Door Controller

**Note:** If you remove the existing dome antenna from the top of the metal box, ensure the opening is properly sealed to prevent water intrusion.



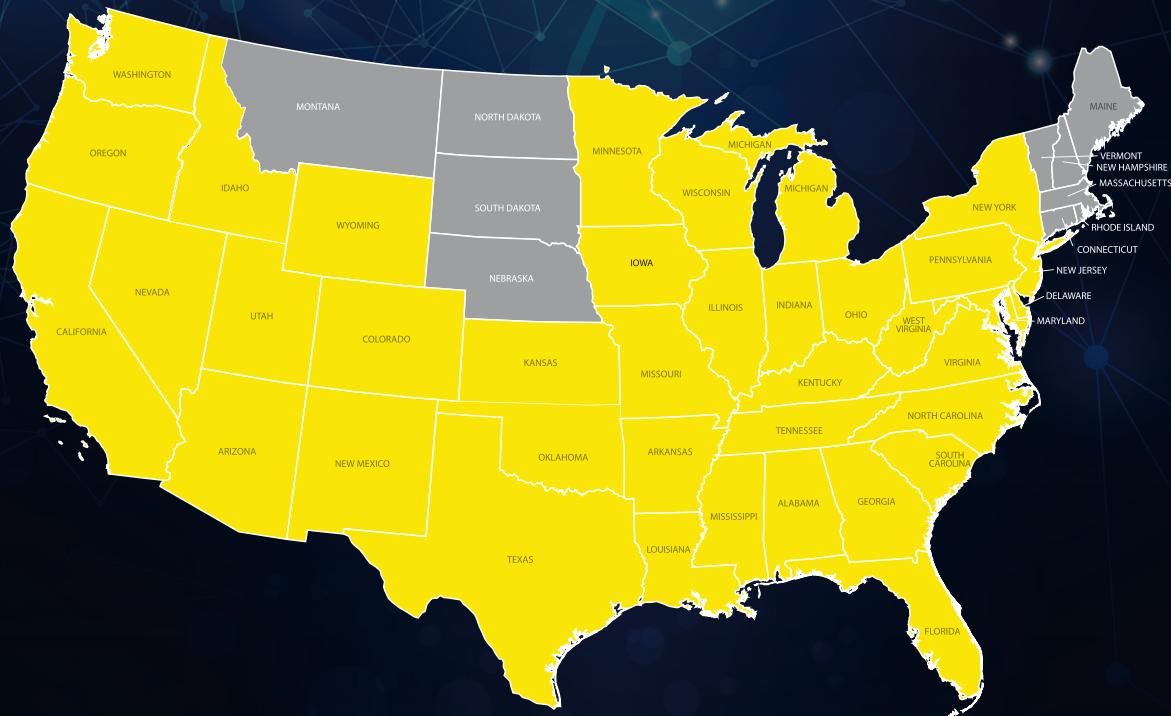
**A** Place unit **A** at Door Controller mounting location with High Gain Antenna



**B** Test Range between units **A** and **B** at best range (3 LEDs ON)



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