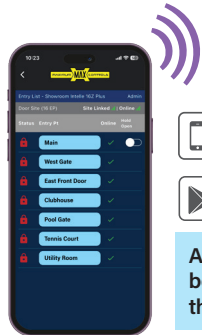


QUICK INSTALLATION GUIDE

INTELLE 8Z

DOOR CONTROLLER 8 ZONE



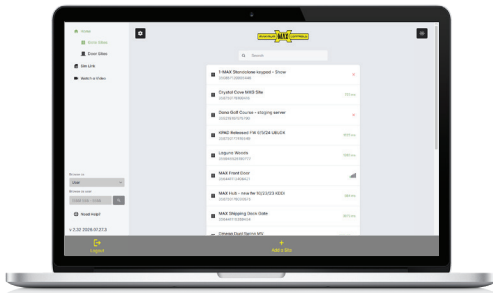
Available on the
App Store

ANDROID APP ON
Google Play

All Entry Points can
be accessed using
the Max app.

Max Cloud App

One-Time App Purchase Required



Web Portal

Account Setup via Mobile App Required



- * Outdoor- 1 Mile (line-of-sight)
- * Indoor- 1000 ft (Urban)



900 Mhz

UP TO*
1 Mile Range



Intellect 8Z MAX DC8Z



RANGE TESTER KIT
REQUIRED



UNIT A



UNIT B

MAX WRTK

Use the kit to verify that the
wireless range is feasible
for every Entry Point

Indoor Housing (Optional)



WALL MOUNT



DESKTOP



Wi Card Reader
MAX WCR

App Controlled,
integrated Wireless
Card Reader (HID
compliant)

MAX
KEY FOB



Wi Access
Point
MAX WAP

App Controlled,
integrated Relay &
Wiegand



Wi Door Controller
Keypad
MAX WDCK

App Controlled,
integrated Wireless
Keypad



RESIDENTIAL / COMMERCIAL / INDUSTRIAL APPLICATION

Maximum Controls LLC • 949.699.0220

www.MAX.US.com

TABLE OF CONTENT

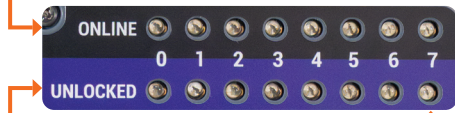


Overview	3-5
Intelle 8Z	3
Max Wireless Entry Devices	4-5
Door Controller Installation Setup	6-8
Door Controller Mounting Instructions	6
Input Power 115VAC	7
Ethernet Connection	7
Set Up App	8
Test Door Site with App	8
Entry Point Wiring & Setup	9-15
Wireless Entry Point Overview	9
Range Test & Pairing	10-11
Wireless Pedestrian Application	12-13
Wireless Entry Gate Application	14-15
Appendix	17-30
Indoor Wall Mount OR Desktop Installation Setup	17
APP Download (Max Cloud App)	18
Door Site Setup (Max Cloud App)	19-21
Door Site Setup (Web Portal)	22-25
Range Troubleshooting for Entry PTs	26-28
Ethernet Troubleshooting	29
Max Wireless Range Tester Kit Guide	30-32

OVERVIEW

ENTRY POINT STATUS LEDs

Online connectivity status LEDs for Wireless entry points



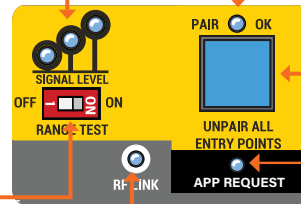
Lock / Unlock status LEDs for Wireless entry points

SIGNAL LEVEL

LED's flash sequentially during range test/pairing mode

RANGE TEST SWITCH

Allows to test signal strength to wireless Entry Points and sets Door Controller in pairing mode



PAIR OK

ON when any entry point is paired

UNPAIR ALL ENTRY POINTS

Press & Hold button (5 sec) to unpair all entry points

App Request

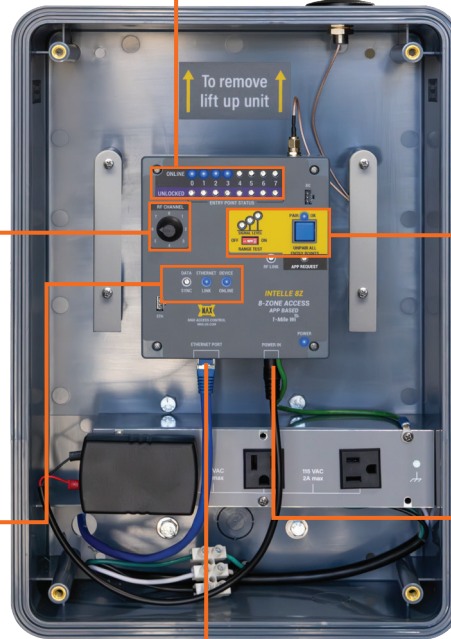
Blinks when any app command is received

RF LINK

Blinks when RF signal is present

900 Mhz Antenna

RF CHANNEL
To select unique RF channel (0-7) for facility



DATA SYNC
Blinks during data exchange with Max Cloud.

ETHERNET LINK
ON when connected

DEVICE ONLINE
ON when linked to Max Cloud

POWER IN

POWER LED

POWER IN
(12 V DC) (Pre-Installed)



ETHERNET PORT

MAX WIRELESS ENTRY POINT DEVICES

OVERVIEW



MAX WIRELESS

CARD READER

MAX WCR

BUILT-IN RANGE TESTER
EASY PAIRING PROCESS

MAX WIRELESS CARD READER

WIRELESSLY CONTROL/OPERATE REMOTE ENTRY POINT WITH A CARD READER (AND APP)

BUILT IN HID COMPLIANT CARD READER

- Supports 26-Bit HID compliant keyfobs and Cards
- Max Keyfobs & Cards available

WIEGAND INPUT PORT

- Wiegand port to support 26-bit card readers, radio receivers & RFID transponders

PROGRAMMABLE WIEGAND KEYCODES VIA MAX CLOUD APP/WEB PORTAL

- Program Wiegand cards/keyfob, radio transmitters & transponder tags and assign optional time restrictions for specific entry point
- Track Wiegand keycode entries in event log (App/Web Portal)

RELAY PORT

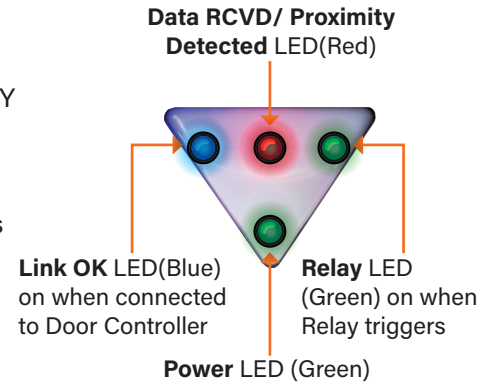
- Control Entry point with dedicated relay
- Supports both Solenoid and Maglock (NO, C, NC)
- Selectable Relay Strike Time

DOOR AJAR

- Monitors entry door or gate status (with a sensor to detect closed position)

PROXIMITY DETECTION FOR ACCESS

- App User proximity detection for entry points (Optional Setting)



MAX WIRELESS

DOOR CONTROLLER KEYPAD

BUILT-IN RANGE TESTER
EASY PAIRING PROCESS

MAX WIRELESS DOOR CONTROLLER KEYPAD

WIRELESSLY CONTROL/OPERATE A REMOTE ENTRY POINT WITH A KEYPAD (AND APP)

WIEGAND INPUT PORT

- Wiegand port to support 26-bit card readers, radio receivers & RFID transponders
- Track wiegand device activity in event log (App/Web Portal)

PROGRAMMABLE KEYCODES & WIEGAND KEYCODES VIA MAX CLOUD APP/WEB PORTAL

- Program keypad keycodes and wiegand cards/keyfob, radio transmitters & transponder tags and assign optional time restrictions for specific entry points
- Track keypad keycode and wiegand keycode entries in event log (App/Web Portal)

RELAY PORT

- Control entry point with dedicated relay
- Supports both Solenoid and Maglock (NO, C, NC)
- Selectable Relay Strike Time

REQUEST TO EXIT (RTE) PORT

- Supports exit button request on pedestrian door or gate

PROGRAMMABLE GREETING MESSAGE

- Customize greeting message on keypad display on app/Web Portal
- All Keypad Entry Points share same Greeting Message

PROGRAMMABLE CALL BUTTON MESSAGE:

- Program on the App a display message for the CALL button with a specific instruction for visitors, For example:

When a visitor pushes the CALL button, the display message will instruct the visitor to call a specific phone number (i.e. facility manager or home owner) using their personal cell phone. **EX:** CALL button message: "CALL (949) 000-0000 on your phone"

- All Keypad Entry Points share the same Call Button Message

MAX WIRELESS ENTRY POINT DEVICES

OVERVIEW



MAX WIRELESS ACCESS POINT

BUILT-IN RANGE TESTER
EASY PAIRING PROCESS

MAX WIRELESS ACCESS POINT

WIRELESSLY CONTROL/OPERATE A REMOTE ENTRY POINT WITH WIEGAND DEVICE (AND APP)

WIEGAND INPUT PORT

- Wiegand port to support 26-bit card readers, radio receivers & RFID transponders

PROGRAMMABLE WIEGAND KEYCODES VIA MAX CLOUD APP/WEB PORTAL

- Program Wiegand cards/keyfob, radio transmitters & transponder tags and assign optional time restrictions for specific entry point (App/Web Portal)
- Track wiegand device activity in event log (App/Web Portal)

RELAY PORT

- Control Entry point with dedicated relay
- Supports both Solenoid and Maglock (NO, C, NC)
- Selectable Relay Strike Time

REQUEST TO EXIT (RTE) PORT

- Supports exit button request on pedestrian door or gates

DOOR AJAR

- Monitors entry door or gate status (with a sensor to detect closed position)

MAX WIRELESS ACCESSORIES



MAX WIRELESS REPEATER

DOUBLES THE WIRELESS RANGE

MAX WIRELESS REPEATER

- EXTENDS WIRELESS RANGE
- Bridges the gap caused by signal-blocking obstacles—such as trees, metal structures, and/or concrete walls between any entry point and door controller

EXTENDED RANGE:

Outdoor- 2 Mile (line-of-sight)
Indoor/Urban- 2000 ft



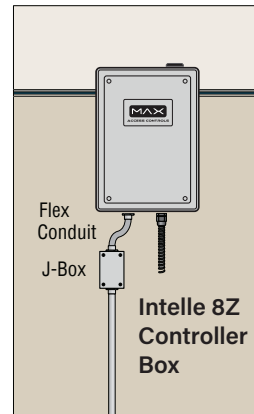
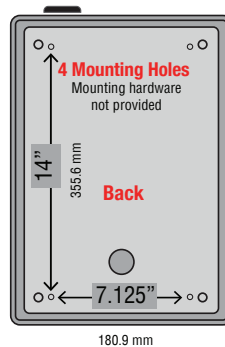
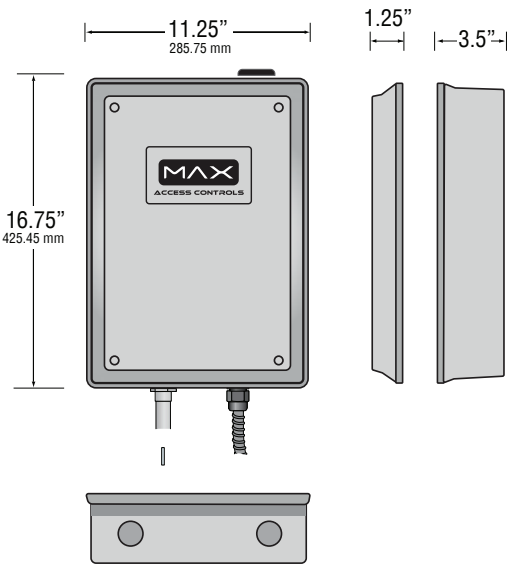
DOOR CONTROLLER INSTALLATION SETUP

INTELLE 8Z CONTROLLER BOX

1 MOUNT DOOR CONTROLLER

Mount the Intelle 8Z Controller Box where you have good wireless signal to all entry points.

Use Max Range Tester Kit to ensure good connectivity between door controller and each wireless entry point (see appendix "Max Range Tester Kit Guide")



See appendix for indoor **Wall Mount & Desktop** Installation Setup



For optimal wireless performance, the plastic enclosure must be installed at a minimum height of 6 feet above ground level.

1 Unscrew antenna



2 Push UP to remove Controller Module



3 Mount external plastic box using its mounting holes

4 Run conduit to external plastic box

5 Re-mount controller module back inside the plastic box and screw on antenna

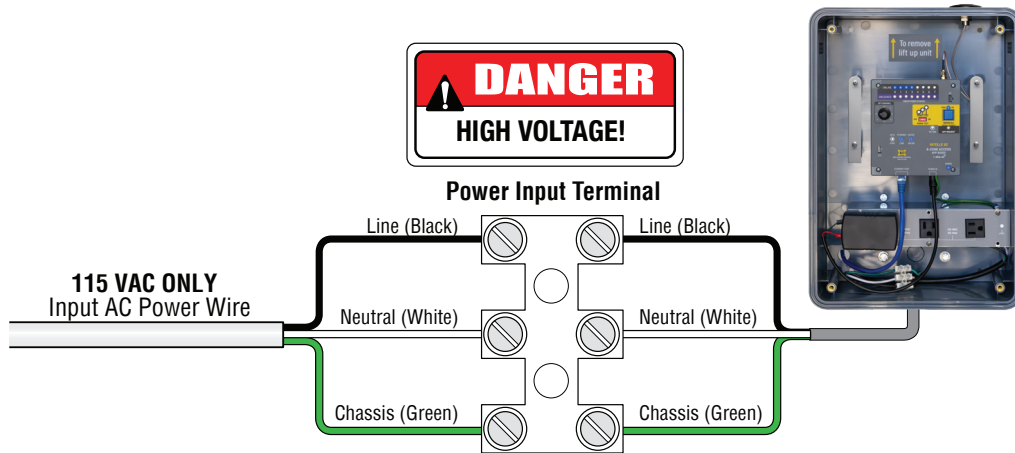
Avoid drilling holes in the side or top of the box. Seal any holes made in box to keep out moisture & insects.

DOOR CONTROLLER INSTALLATION SETUP

INTELLE 8Z CONTROLLER BOX

2

INPUT POWER WIRING 115VAC



NOTE: There is no AC Power Switch. Outlets are pre-wired to power input terminal.

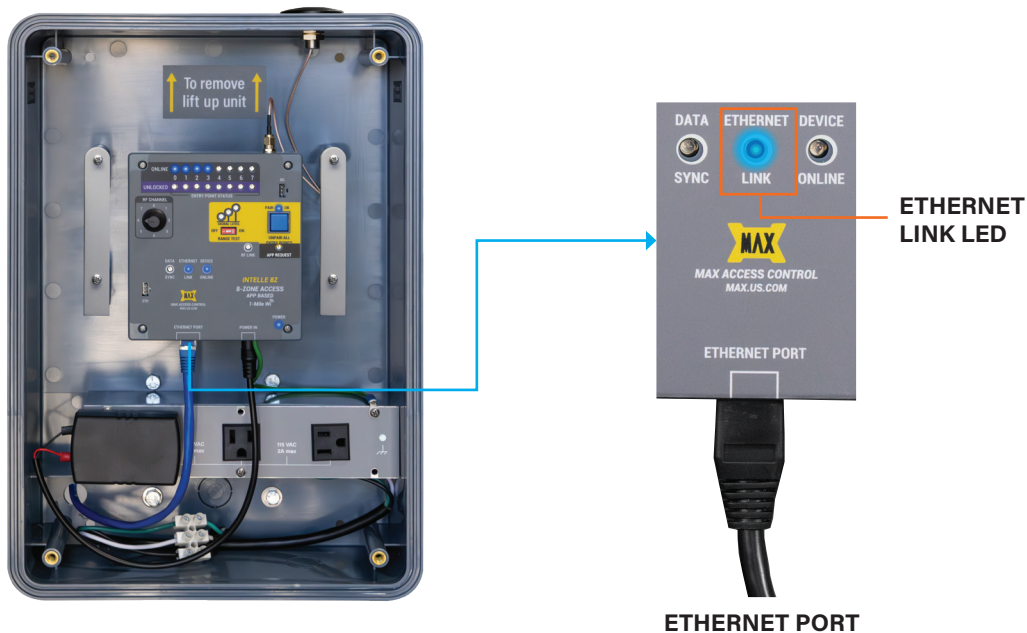
3

ETHERNET CONNECTION

Plug in live Ethernet cable into Controller's Ethernet port

Note: Most Ethernet connectivity is plug and play (DCHP)

- When Ethernet is connected **ETHERNET LINK** LED will turn on
If Ethernet Link LED does not turn on, confirm Ethernet cable is live
If **ETHERNET LINK** LED is on and **DEVICE ONLINE** LED is blinking
(1 sec ON, 1 sec OFF), see appendix "Ethernet Troubleshooting"



DOOR CONTROLLER INSTALLATION SETUP

INTELLE 8Z CONTROLLER BOX

4

DOWNLOAD MAX CLOUD APP & SETUP DOOR SITE

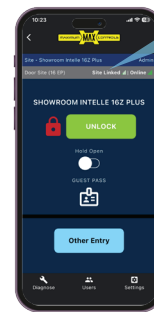
- 1 Download Max Cloud App, refer to appendix "App Download (Max Cloud App)" section
- 2 Set up Door Site in App Max Cloud App, refer to appendix "Door Site Setup" section
- 3 Wait for **DEVICE ONLINE** LED to turn on after about 1 minute.



FOR ETHERNET



Wait till **Device Online** LED turns on

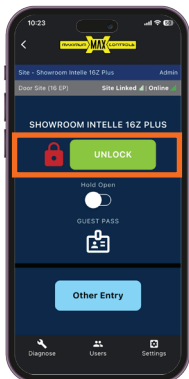


Max Cloud App

Note: on the Max Cloud App, the "Site Linked" will appear after Controller **DEVICE ONLINE** LED comes on

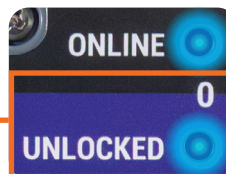
5

TEST DOOR SITE WITH APP



- 1 Press Main entry point **UNLOCK** button

- 2 See if App Request LED blinks



If Entry Point 0 is paired, **Entry Point 0 Unlocked** LED will also turn on

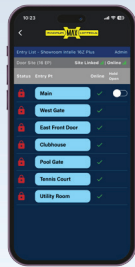


ENTRY POINT WIRING & SETUP

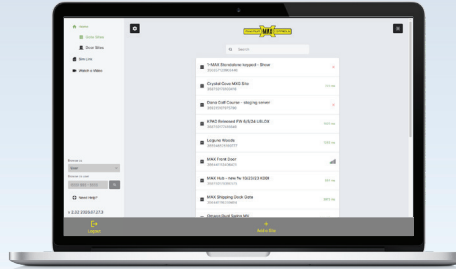
INTELLE 8Z CONTROLLER BOX

WIRELESS ENTRY POINTS OVERVIEW UP TO 8 WIRELESS (ZONES) ENTRY POINTS

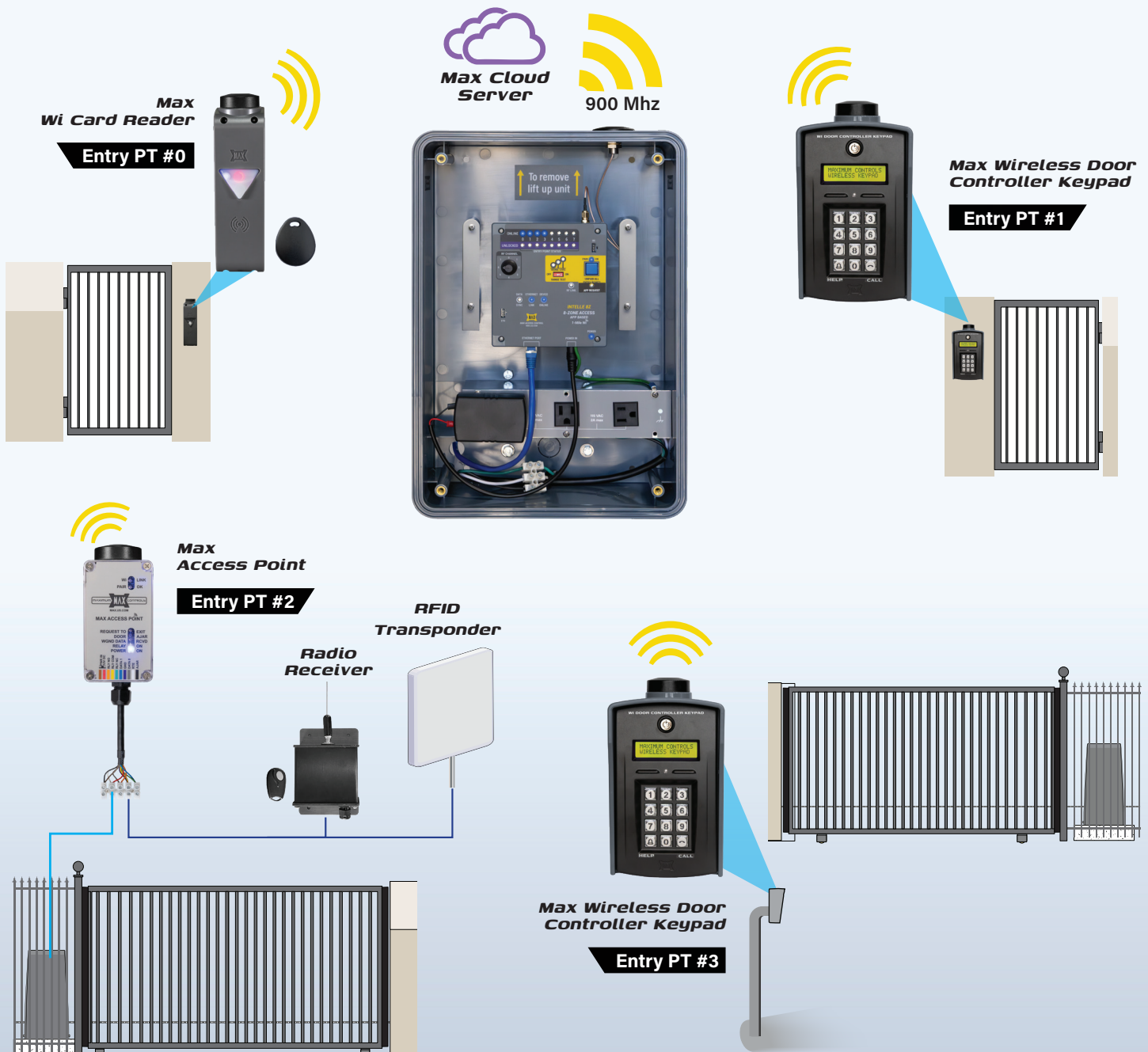
All Entry Points can be accessed using the Max app.



Max Cloud App



Web Portal



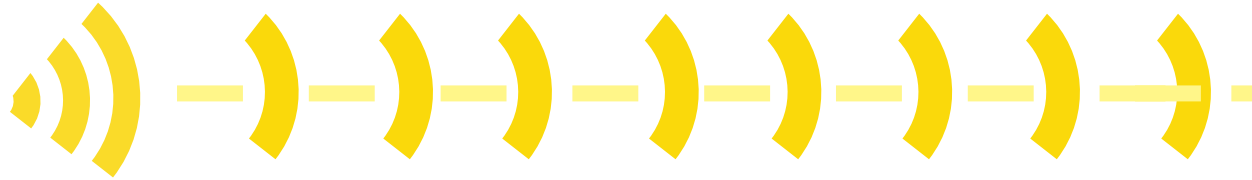
ENTRY POINT WIRING & SETUP

INTELLE 8Z CONTROLLER BOX

RANGE TEST & PAIRING USING WI ACCESS POINT

Note: The same Range Test & Pairing process is used for all Max Wireless Entry Point devices.
(i.e Max Wi Card Reader, Max Wi Kepad)

Intelle 8Z



2 Turn ON
Range Test



Signal Level LEDs
will start flashing
sequentially indicating
range test in progress



Note: to see current
wireless signal
strength, check
Signal Level LEDs
on remote Entry
Point unit

1 Select RF
channel



To erase all paired wireless units, PRESS and HOLD the pair button **on Intelle 8Z** for at least 5 seconds, until the pair LED starts blinking, then let go of the pair button. The LED will blink three times once the erase is completed.

ENTRY POINT WIRING & SETUP

INTELLE 8Z CONTROLLER BOX

WIRELESS PEDESTRIAN DOOR APPLICATION USING MAX WI DOOR CONTROLLER KEYPAD



Intel 8Z

1 Ensure Power is on and setup is completed (Pg 6-8)

2 Select RF channel for facility

3 Turn On Range Test

Signal Level LEDs will start flashing sequentially

4 Power Input

Connect 12VDC, 1A power transformer to *Power Input* port (polarity does NOT matter)

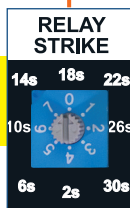


8 Push to pair if Range OK (3 LEDs ON)

9 Turn OFF Range Test Switch

Once Intel 8Z and Max Wireless Door Controller Keypad units are paired, turn OFF range test switch on Max Wireless Door Controller Keypad & Intel 8Z.

10 Select "Relay Strike" time



5 Select same RF Channel as Intel 8Z Unit



6 Select unique "Entry Point #"



7 Turn ON Range Test

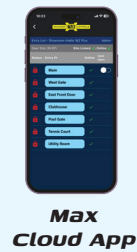
All 3 LED's will **TURN ON** when RF range is good. If range is poor, (less than 3 LED's on) reposition Intel 8Z or Max Wireless Door Controller Keypad units to get better range.

11 Wiring Solenoid Lock

Install Solenoid Lock as shown

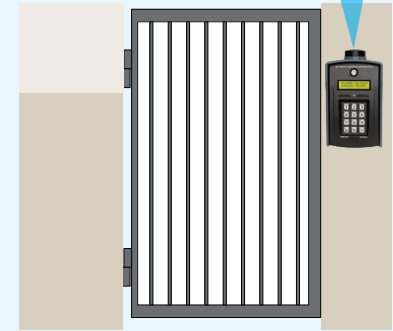
12 Wiring Exit Push Button

Install request to Exit Push Button as shown



Max Cloud App

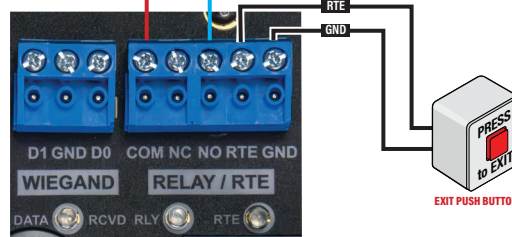
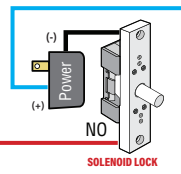
Max Wireless Door Controller Keypad



PEDESTRIAN DOOR

Note:

Change or program the keypad's Greeting/Call Button messages in the site's setting page on the app/web portal. Both Greeting & Call button Messages are shared between all entry points.



ENTRY POINT WIRING & SETUP

INTELLE 8Z CONTROLLER BOX

WIRELESS PEDESTRIAN DOOR APPLICATION USING MAX WI CARD READER



Intel 8Z

1 Ensure Power is on and setup is completed (Pg 6-8)

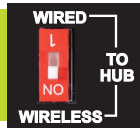


2 Select RF channel for facility

3 Turn On Range Tester

Signal Level LEDs will start flashing sequentially

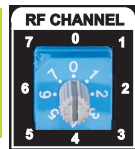
5 Slide switch to **WIRELESS** on Card Reader



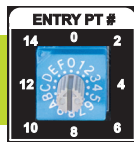
6 Select "Relay Strike" time



7 Select same RF Channel as Intel 8Z Unit



8 Select a unique "Entry PT#"



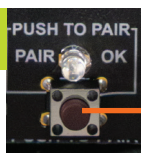
9 Turn ON Range Test



All 3 LED's will **TURN ON** when RF range is good. If range is poor, (less than 3 LED's on) reposition Intel 8Z or Max Wi Card Reader units to get better range.

10 Push to Pair

If Range Ok (3 LEDs ON)



11 Turn OFF Range Test

4 Power Input
Connect 12VDC, 1A power transformer to **Power Input** port (polarity does NOT matter)

14 Wiring Exit Push Button

Install request to Exit Push Button as shown

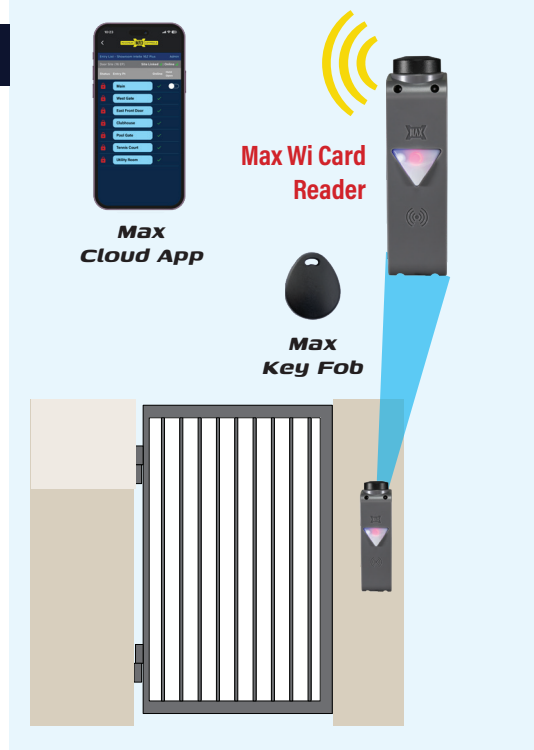
13 Wiring Solenoid Lock

Install Solenoid Lock as shown

12 Enable/Disable App User Proximity Detection

- If **ON**, the App user is required to be near door before unlocking
- If **OFF**, the App user is not required to be near door before unlocking

Once Intel 8Z & Max Wi Card Reader units are paired, turn OFF range test switch on Intel 8Z & Max Wi Card Reader



PEDESTRIAN DOOR

ENTRY POINT WIRING & SETUP

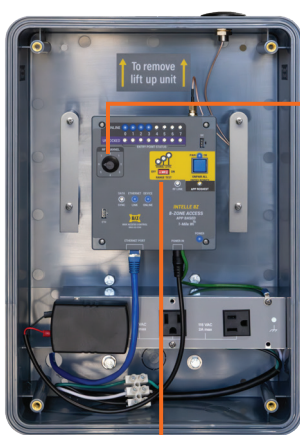
INTELLE 8Z CONTROLLER BOX

WIRELESS ENTRY GATE APPLICATION USING WI ACCESS POINT

Wi Access Point



ENTRY GATE



Intelle 8Z

1 Ensure Power is on and setup is completed (Pg 6-8)

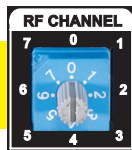
2 Select RF channel for facility

3 Turn ON Range Test



Signal Level LEDs will start flashing sequentially

5 Select same RF Channel as Intelle 8Z Unit



6 Select Unique Entry PT #



7 Turn ON Range Test

All 3 LED's will **TURN ON** when RF range is good. If range is poor, (less than 3 LED's on) reposition Intelle 8Z or Wi Access Point units to get better range.

8 Push to Pair if Range OK (3 LED's ON)



9 Turn OFF Range Test Switch

Once Intelle 8Z & Wi Access Point units are paired, turn OFF range test switch on Intelle 8Z & Wi Access Point

12 Select "Relay Strike" time

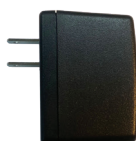


11 Connect Relay contacts to gate operator "Strike" Input



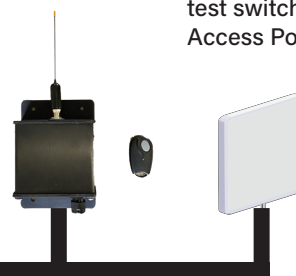
4 Power Input

Connect power for 12VDC



10 Wiring Wiegand Device

Install Wiegand device as shown



ENTRY POINT WIRING & SETUP

INTELLE 8Z CONTROLLER BOX

WIRELESS ENTRY GATE APPLICATION USING MAX WI DOOR CONTROLLER KEYPAD



Intel 8Z

1 Ensure Power is on and setup is completed (Pg 6-8)

2 Select RF channel for facility

3 Turn ON Range Test



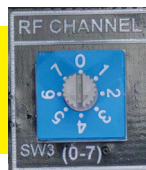
Signal Level LEDs will start flashing sequentially

4 Power Input

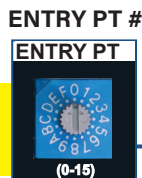
Connect power for 12VDC



5 Select same RF Channel as Intel 8Z Unit



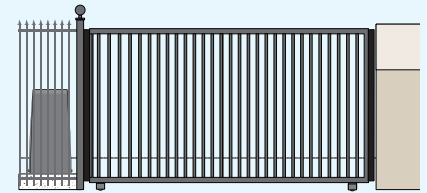
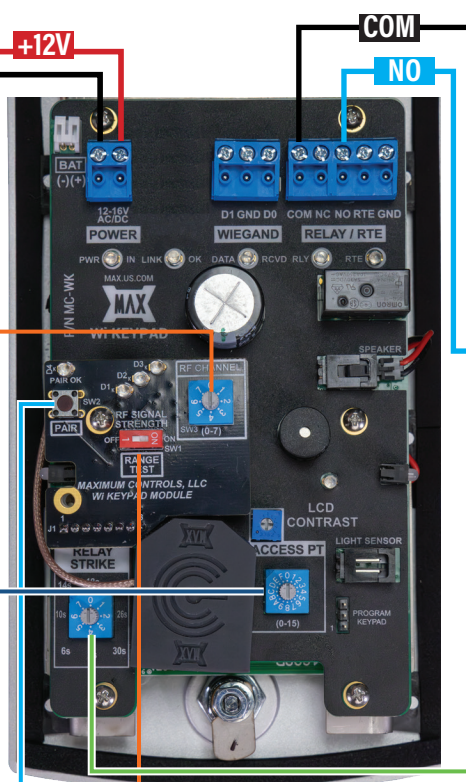
6 Select unique "Entry PT#"



7 Turn ON Range Test



All 3 LED's will **TURN ON** when RF range is good. If range is poor, (less than 3 LED's on) reposition Intel 8Z or Max Wi Door Controller Keypad units to get better range.



ENTRY GATE



Max Wireless Door
Controller Keypad

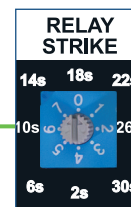
Note:

Change or program the keypad's Greeting/Call Button messages in the site's setting page on the app/web portal. Both Greeting & Call button Messages are shared between all entry points.

11 Connect Relay to the gate operator "Strike" Input



10 Select "Relay Strike" time



9 Turn OFF Range Test Switch

Once Intel 8Z & Max Wi Door Controller Keypad units are paired, turn OFF range test switch on Intel 8Z & Max Wi Door Controller Keypad

8 Push to Pair if Range OK (3 LED's ON)





APPENDIX

Indoor Wall Mount OR Desktop Installation Setup..... 17

APP Download (Max Cloud App) 18

Door Site Setup (Max Cloud App)19-21

Door Site Setup (Web Portal)22-25

Range Troubleshooting for Entry PTs.....26-28

Ethernet Troubleshooting.....29

Max Range Tester Kit Guide30-32

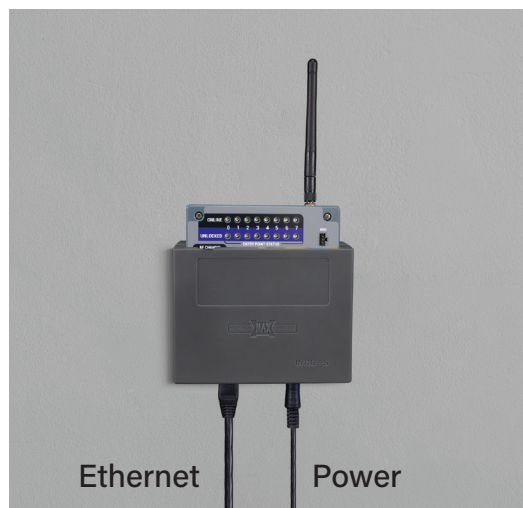
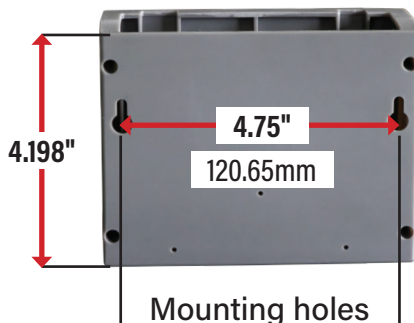
INDOOR WALL MOUNT OR DESKTOP INSTALLATION SETUP

APPENDIX

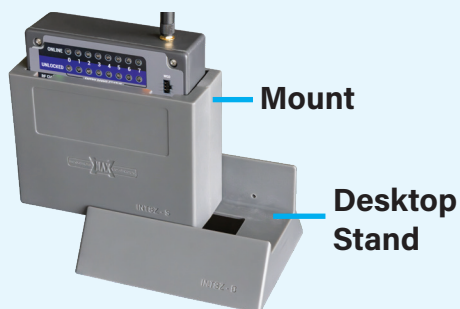


**WALL
MOUNT**

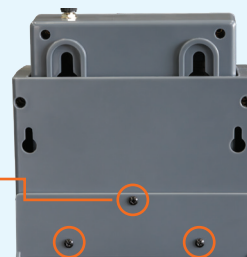
Align and secure the **Door Controller Mount** to the wall using the two holes on the back (spaced 4.75" apart), then insert the **Door Controller Module** into the **Door Controller Mount**



Desktop Stand



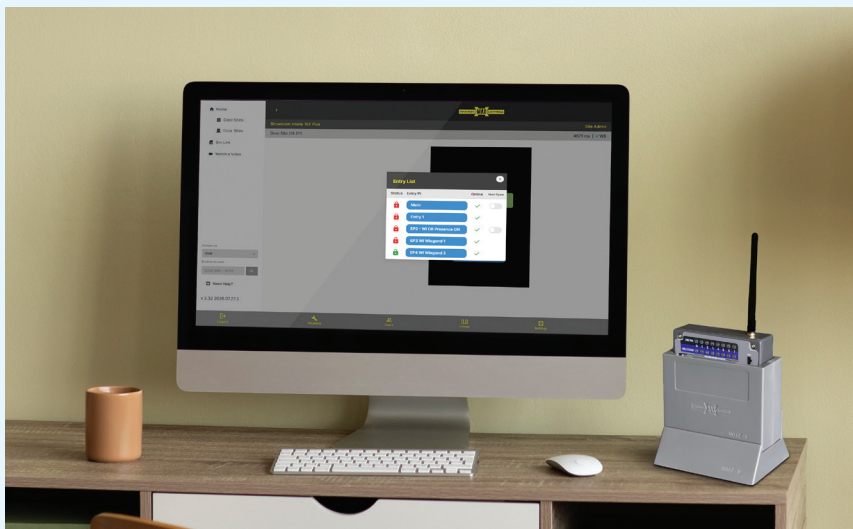
Secure
Mount to
Desktop
Stand



Slide the **Door Controller Mount** into the **desktop stand**, then screw the mount onto the stand



DESKTOP



APP DOWNLOAD (MAX CLOUD APP)

APPENDIX

1 Getting Max Cloud App

Max Cloud App is available for download on:

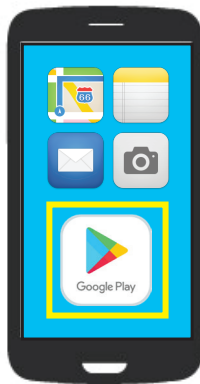


SCAN QR CODES
TO DOWNLOAD "MAX Cloud App"

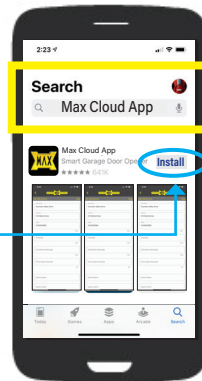


2 How to install Max Cloud App on **android phones**

1. Open the **Google Play Store** App in your phone.



2. Type Max Cloud App in the search bar
3. Tap the Install button.



4. Confirm the installation
5. Open Max Cloud App by clicking Max Cloud app icon

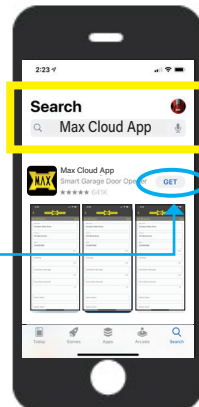


2.1 How to install Max Cloud App on **iPhone**

1. Open the **App Store** in your iPhone.



2. Type **Max Cloud App** in the search bar
3. The app will be shown below the search bar, press **GET** to download



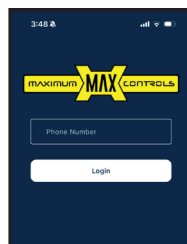
Confirm the installation

Open Max Cloud App by clicking the Max Cloud App Icon

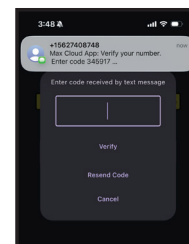


3 Max Cloud Login for the first time

1. Open the **Max Cloud app** on your phone.
2. Add a phone number then press **Login**.
Android phone does automatic verification



3. On **iPhone** phone Max Cloud app will send you a code to verify your account. Enter the code and press **verify**, now you Max Cloud app is now ready.



NOTE:

If new Max Cloud app user, you will be prompted to pay a one-time fee.

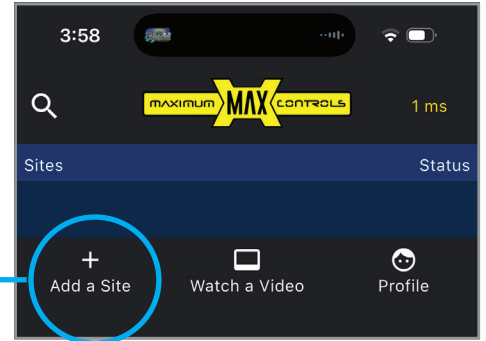
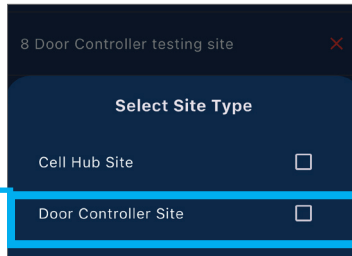
DOOR SITE SETUP

APPENDIX

1 Add a New Door Site on App

Click on the + **Add a Site** icon in app

Select "**Door Controller**" site in pop-up Menu



2 Setup Door site info

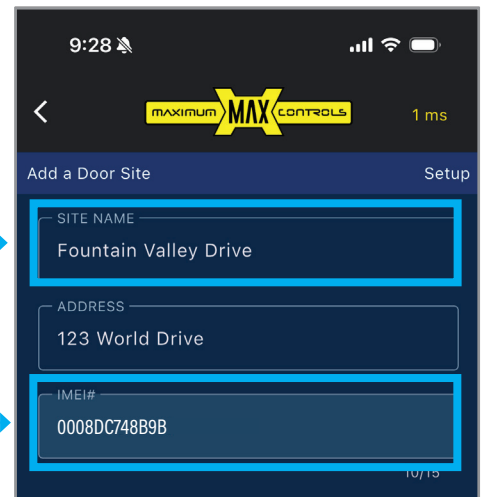
a.- Enter a site name



MAC:0008DC748B9B

MAC Address
for **Ethernet**
connectivity

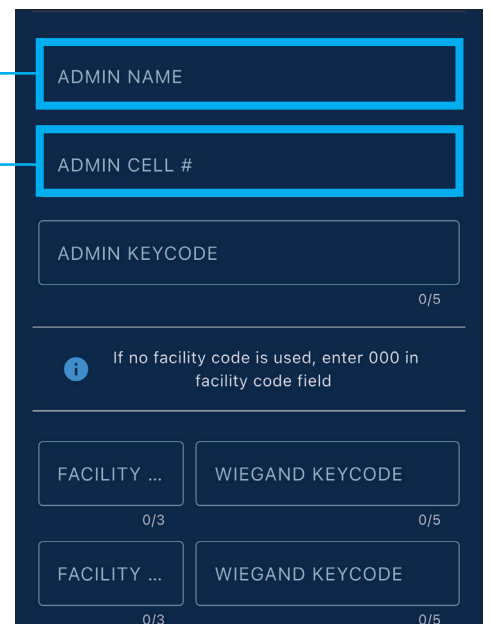
b.- Enter the MAC address of
the Max Door Controller for
Ethernet connectivity



Please double check your
entry to ensure Ethernet
connectivity

3 Set up ADMIN for the Door site

Add the name and cell # of the person
who will manage the Door site



DOOR SITE SETUP

APPENDIX

- 4** Press the **back** button on the top left of the screen



- 5** Click and confirm **Create Site**

✓ Now your new Door site is active

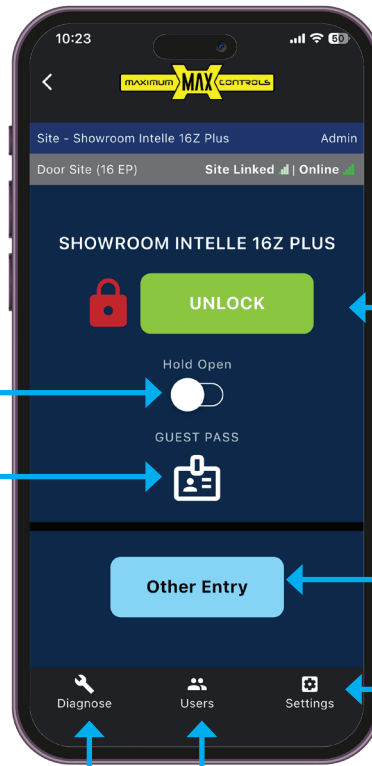
TROUBLESHOOTING

If your new Door site shows **X**, go back to settings in app and check your IMEI#/MAC address

DOOR SITE SETUP

APPENDIX

6 Admin App Menus



Virtual transmitter to UNLOCK Entry Points

Use Hold Open to keep Entry Point Unlocked (If option enabled in Entry Point settings)

Use **UNLOCK** button to operate main Entry Point

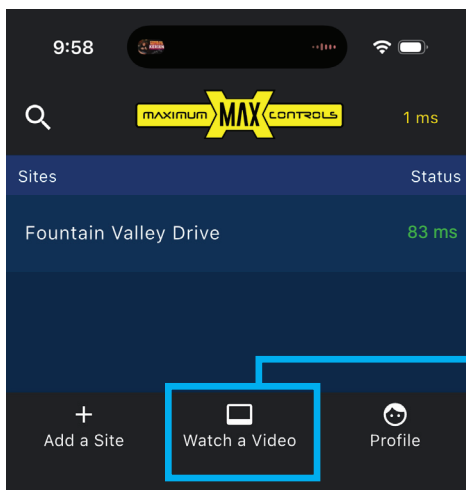
To add **Short Term** Guest Passes (Hourly)

Use **OTHER ENTRY** to operate other Entry Points that are setup

To program*
 ▪ Door settings
 ▪ Keypad greeting & call button message
 ▪ Entry Point settings

To get diagnostic reports:
 ▪ **EVENT LOG** for all door site transactions

To add **Long Term** guest passes (Weekly) and users/admins



SCAN CODE
to watch tutorial



Watch video tutorials from Max Cloud App, just go to the home screen

OR



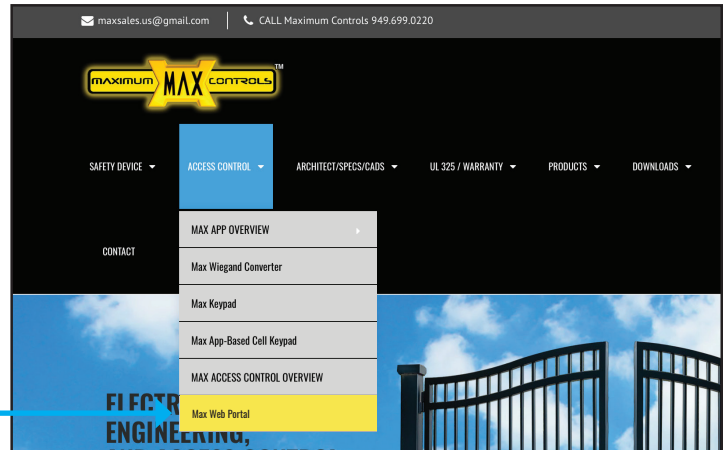
To SCAN code: open your Camera app and point it steadily for 2-3 seconds towards the **QR Code to watch video tutorial**

DOOR SITE SETUP (WEB PORTAL)

APPENDIX

1 Getting Web Portal

Visit Max.us.com on your computer/laptop and click the **Web Portal** link

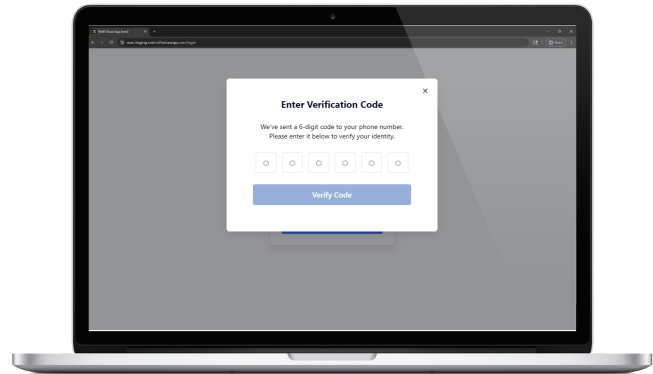
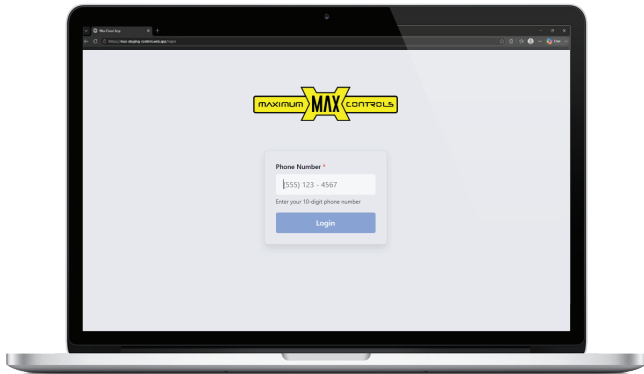


2 Web Portal login for the first time

1. Open the **Web Portal** on your laptop/computer
2. Enter your phone number then press **Login**.

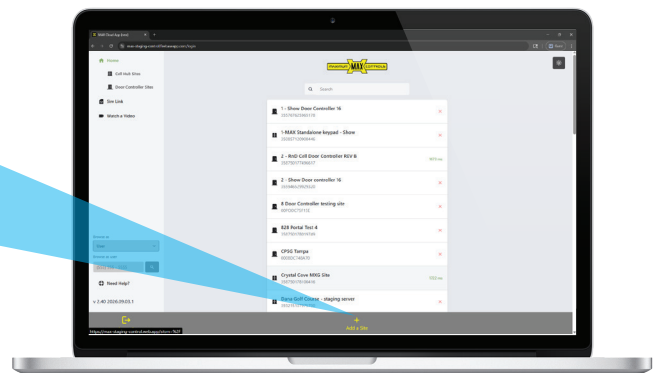
3. The **Web Portal** will send a code to your phone number to verify your account. Enter the code and press **verify**, your Web Portal is now ready.

NOTE:
User must create a Max Cloud account through the app before accessing the web portal



3 Press Add a Site

Click on the + **Add a Site**



DOOR SITE SETUP (WEB PORTAL)

APPENDIX

4 Add a New Door Site on the Web Portal

Select site type
"Door Controller Site"

Create a New Site

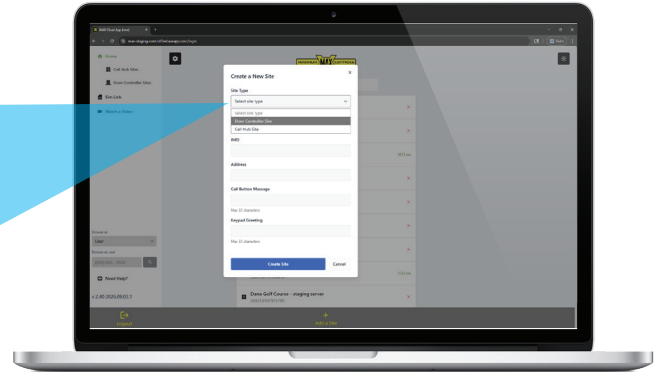
Site Type

Select site type

Select site type

Door Controller Site

Cell Hub Site



5 Setup Door site info

a.- Enter a site name



MAC Address
for Ethernet
connectivity

b.- Enter the MAC address of
the Max Door Controller for
Ethernet connectivity

c.- Click and confirm **"create site"**

Create a New Site

Site Type

Select site type

Name

Lovely Beach Site 123

IMEI

Address

Call Button Message

Max 32 characters

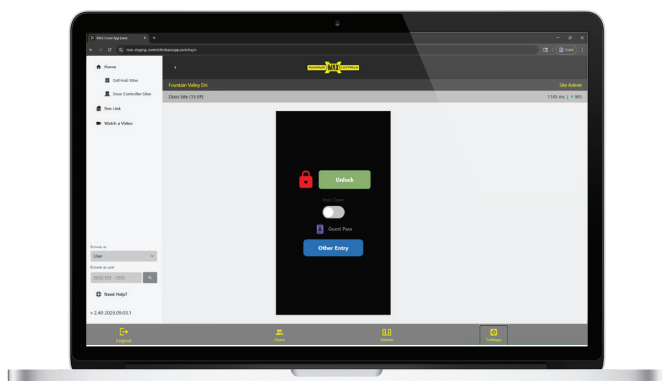
Keypad Greeting

Max 32 characters

Create Site

Cancel

6 Now your Door site is created



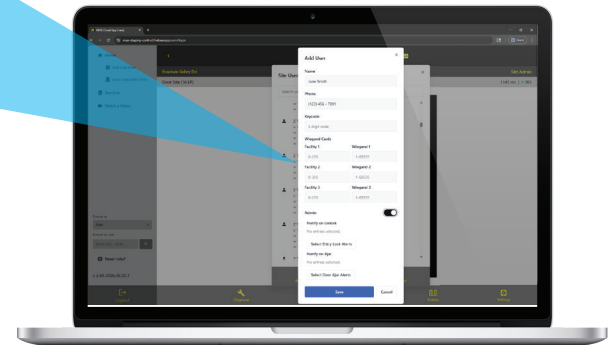
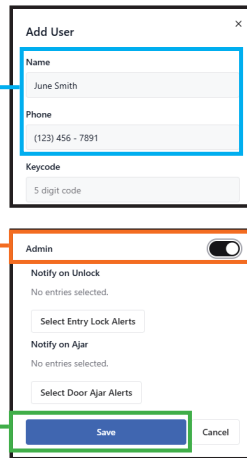
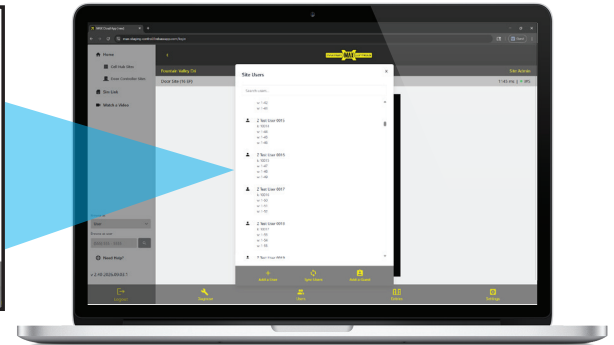
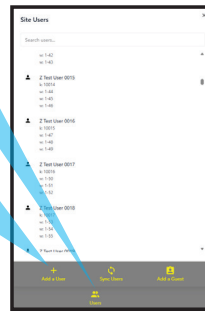
Please double check your entry to
ensure Cell/Ethernet connectivity

DOOR SITE SETUP (WEB PORTAL)

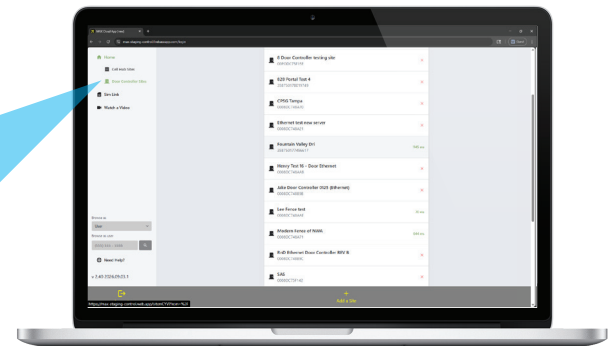
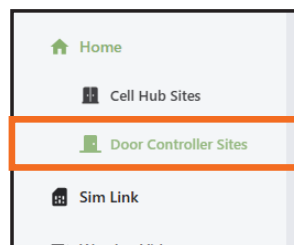
APPENDIX

7 Setup Admin for the Door site

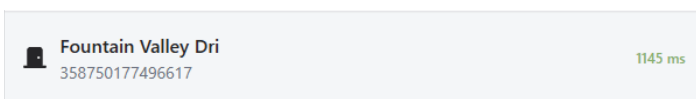
- Select **Users** tab
 - Click on **Add a User** button
 - Add the **Name** and **Cell #** of the person who will manage the Door site.
 - Turn on **"Admin"** slide switch
 - Click on **Create Admin**
- Admin is now created



8 Press the "Door Sites" on the top left of the screen

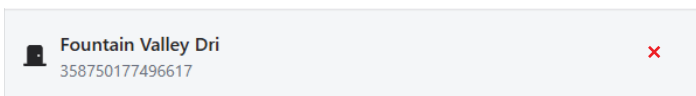


9 Now your new Door Site is active



1145 ms

Door Site is active



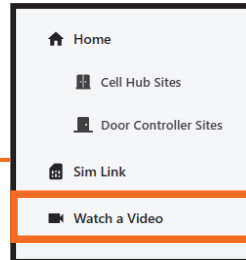
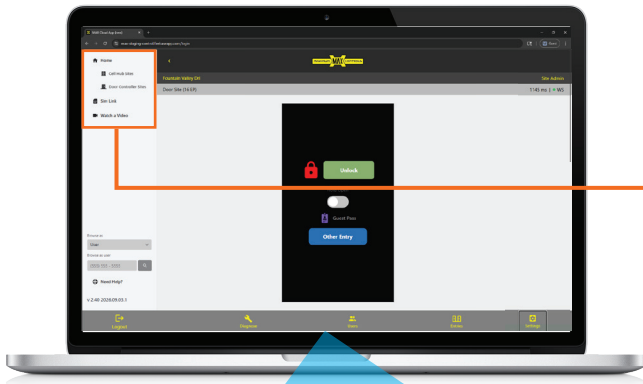
TROUBLESHOOTING

If your new Door site shows **"X"**, go back to settings in the site and check your MAC address

DOOR SITE SETUP (WEB PORTAL)

APPENDIX

10 Admin Web Portal menus

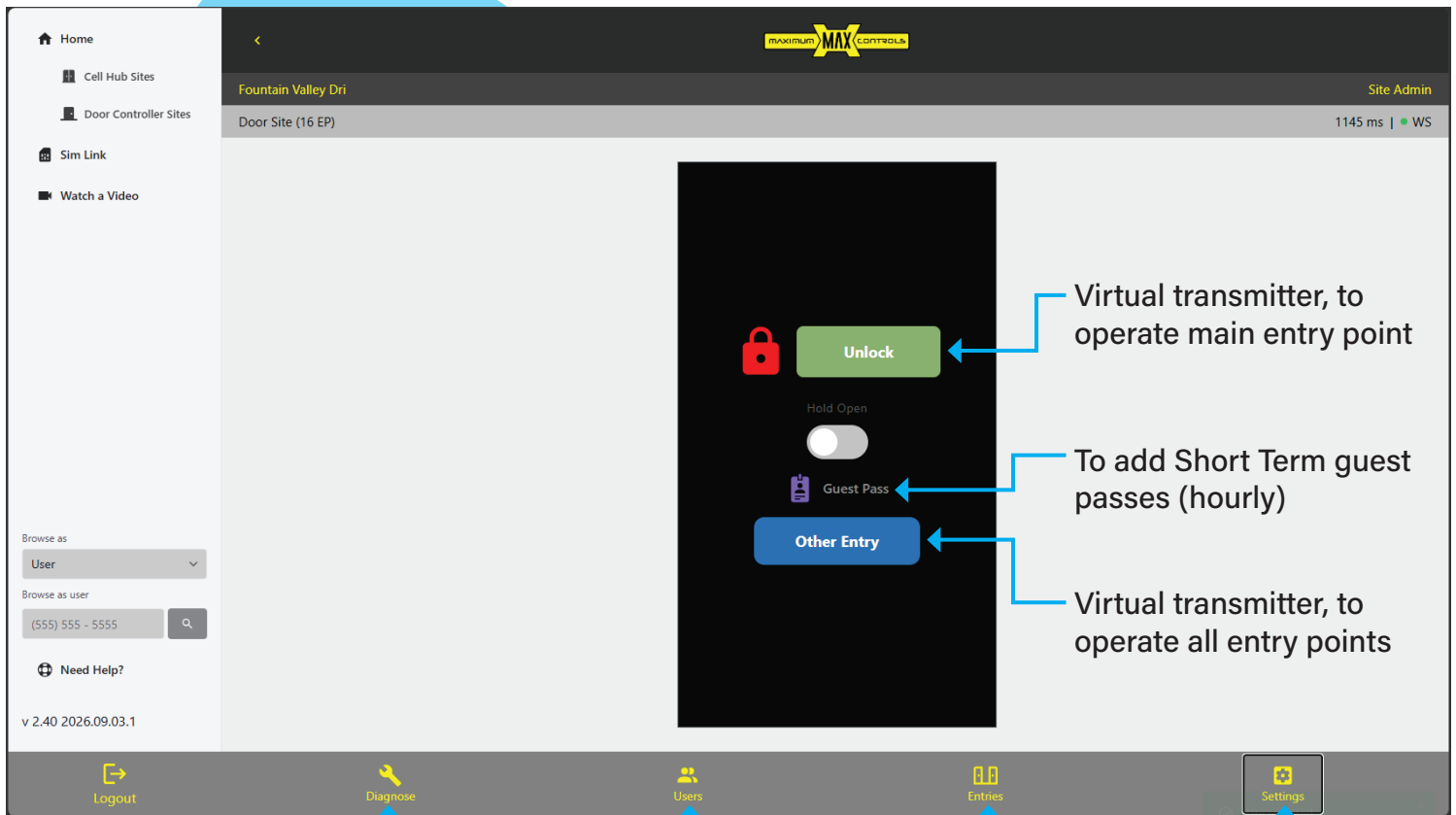


OR

SCAN CODE
to watch tutorial



Watch video tutorials
from the Web Portal



Virtual transmitter, to
operate main entry point

To add Short Term guest
passes (hourly)

Virtual transmitter, to
operate all entry points

Diagnose

To get Diagnostics
Report and Event
Log of all door site
transactions

Users

To add users and
Long Term guest
passes (weekly)

Entries

- Edit entry point
settings
- Edit Auto-Open Timer/
Access Schedule for
each entry point

Settings

- To program*
- Door settings
 - Keypad greeting &
call button message
 - To delete door site

MAX WIRELESS REPEATER

To extend range for entry points, consider using **MAX WIRELESS REPEATER**

Bridges the gap caused by signal-blocking obstacles—such as trees, metal structures, and/or concrete walls between any entry point and door controller.



Intel 8Z



Max Wireless Repeater



Max Wireless Card Reader



Max Wireless Repeater



Max Access Point



Max Wireless Repeater



Max Wireless Door Controller Keypad

RANGE TROUBLESHOOTING FOR ENTRY PTS

APPENDIX



USE OF HIGH GAIN ANTENNA

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



**Intel
8Z 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.

**High Gain
Antenna**



If Ethernet **Link LED** is on and **Device Online LED** is blinking (1 sec on, 1 sec off) then, the Controller has no internet connection.



- 1 If connecting to a **Secure System**, give MAC address to Network Admin/Network IT, so they can allow this MAC Address to connect to the Network (approve the MAC Address).
- 2 If connecting to a **Regular Home/Business Network System**, check Network Status by plugging in the Ethernet cable into a laptop to verify internet access.
- 3  If connecting to an **Advanced Home/Business Network System** that requires a Static IP for all connected devices, contact Max tech support. Door Controller can be custom configured from the factory to support your specific Static IP.

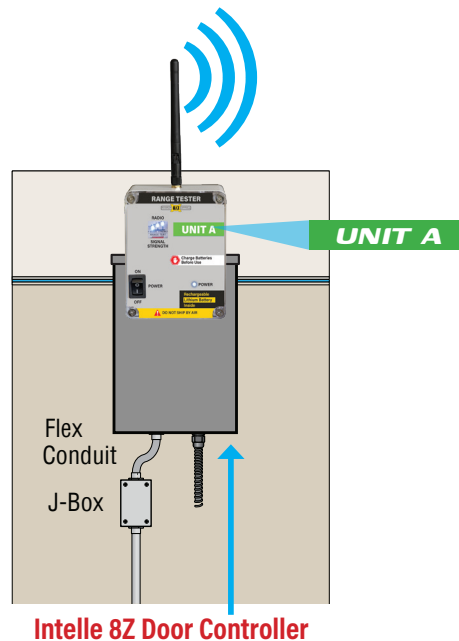
If **Device Online LED** is still blinking call our tech support line at **(949) 699-0220**.

MAX WIRELESS RANGE TESTER KIT

APPENDIX



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

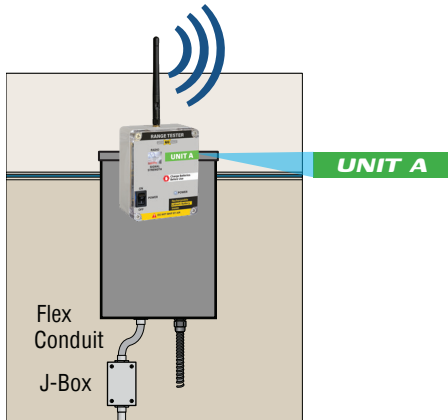
- 1** CHARGE BATTERIES ON BOTH UNITS UNTIL GREEN LED SHOWS ON CHARGER
Turn on Unit **A** and Unit **B**
- 2** PLACE UNIT **A** DOOR CONTROLLER MOUNTING LOCATION
- 3** PLACE UNIT **B** ENTRY POINT MOUNTING LOCATION
- 4** TEST RANGE BETWEEN UNITS **A** AND **B** AT BEST RANGE (3 LEDS ON)
- 5** REPEAT THE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



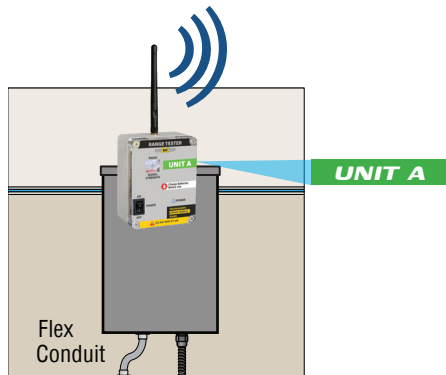
Intel 8Z Door Controller



Max Wi Card Reader

TO DETERMINE REPEATER LOCATION:

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



Intel 8Z Door Controller

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

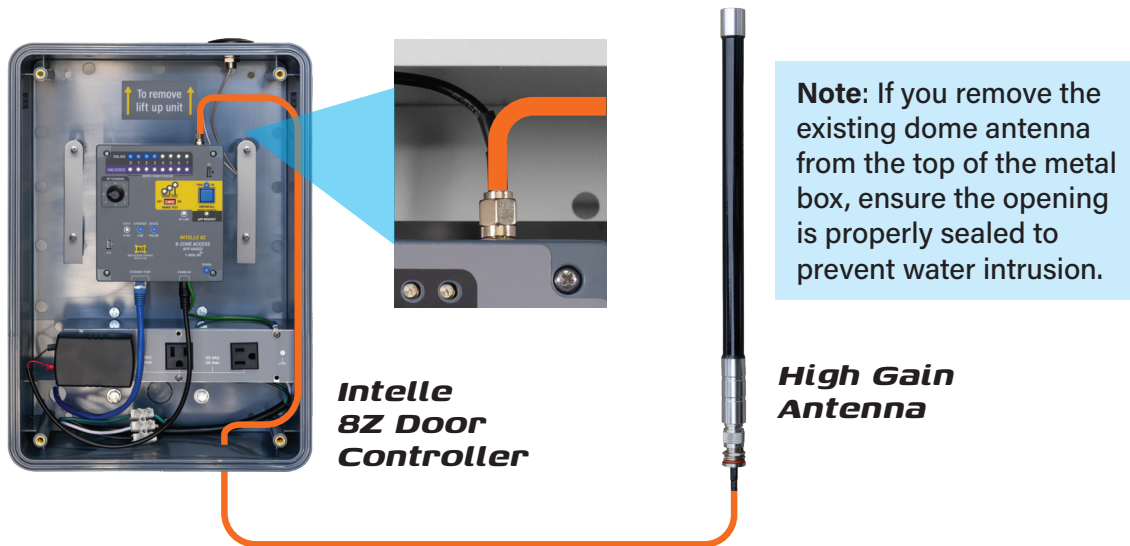
If range is good, the new location of Unit **A** is the ideal **Max Wireless Repeater** location

MAX WIRELESS RANGE TESTER KIT

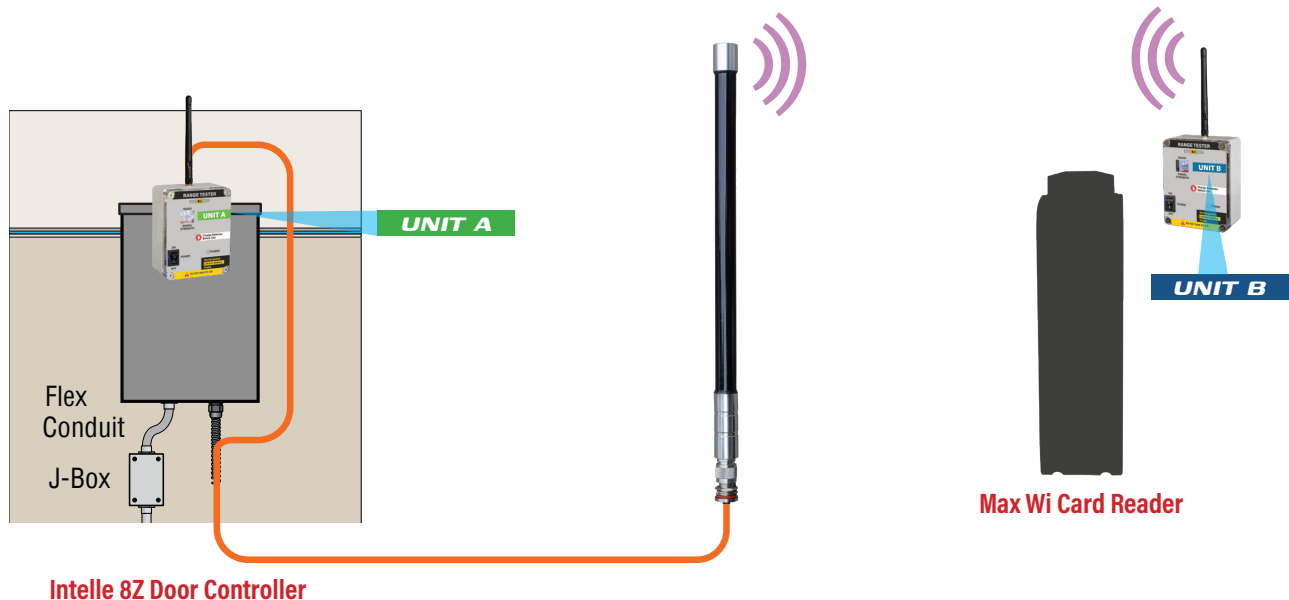
APPENDIX

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



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)

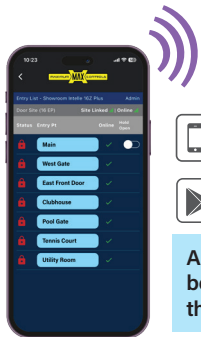
NOTES

QUICK INSTALLATION GUIDE

INTELLE 8Z

DOOR CONTROLLER 8 ZONE

- * Outdoor- 1 Mile (line-of-sight)
- * Indoor- 1000 ft (Urban)



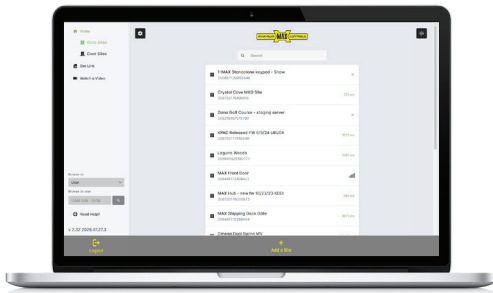
Available on the
App Store

ANDROID APP ON
Google Play

All Entry Points can
be accessed using
the Max app.

Max Cloud App

One-Time App Purchase Required



Web Portal

Account Setup via Mobile App Required



900 Mhz

UP TO*
1 Mile Range



Intellect 8Z MAX DC8Z

Indoor Housing (Optional)



WALL MOUNT



DESKTOP



Wi Card Reader
MAX WCR

App Controlled,
integrated Wireless
Card Reader (HID
compliant)



Wi Access
Point
MAX WAP

App Controlled,
integrated Relay &
Wiegand



Wi Door Controller
Keypad
MAX WDCK

App Controlled,
integrated Wireless
Keypad



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