Autani Outdoor Range Extender
Quick Installation Sheet

Model # 1000186-19

EXAMPLE

MAC : XXXXXXXXXXXXXXXX

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1
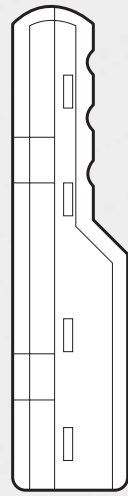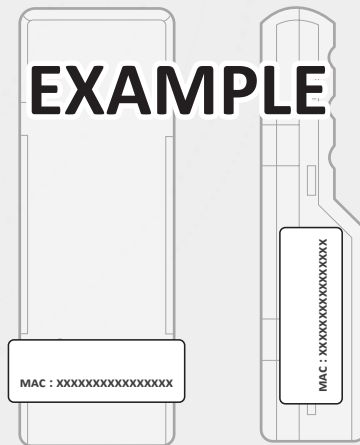On the list of device serial numbers, add the location for the Autani Outdoor Range Extender.

2
Remove front cover. Align backside of the indoor enclosure to the correct mounting location.

3
Secure the backside of the enclosure to the mounting location using 4 screws (not provided). The indoor enclosure must be mounted with the pressure compensation vent and conduit knockout facing towards down position.

NOTE: If using the 'Large', line-powered enclosure, the installer will need to prepare a knockout on the same side as the pressure compensation vent before securing the enclosure to the desired mounting location.
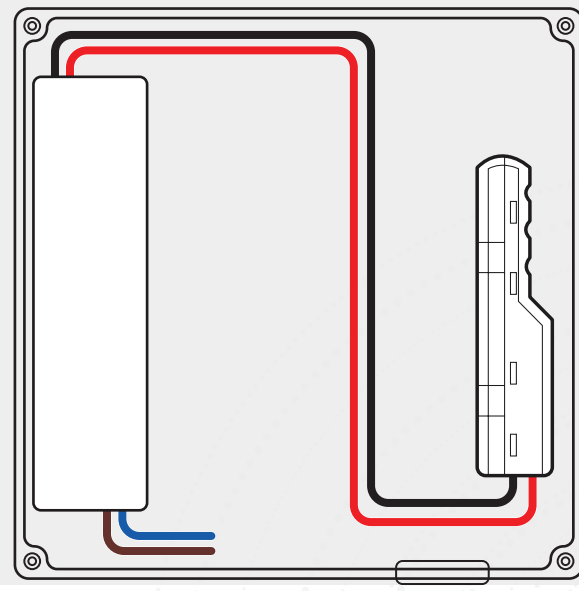
4
Run the power into the enclosure through the knockout at the bottom of the enclosure. The feed must be run using a **dedicated conduit** and sealed properly.

5a
Wire your power source inside the enclosure, as per the below table using the provided **outdoor-rated wire nuts.** There is both a 'Small' box, 24V powered version of the enclosure as well as a 'Large' box, 120-277VAC version. Follow the wiring below according to the type of enclosure you are installing.

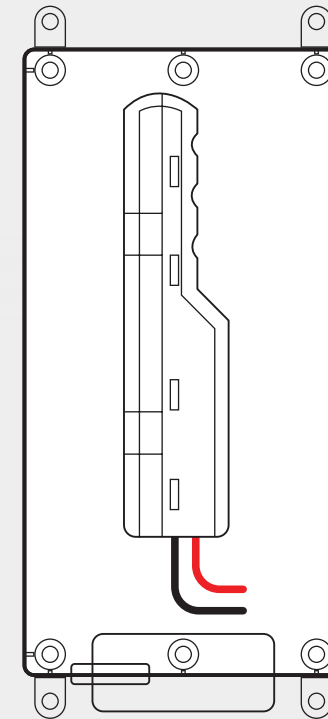| 'Large' 120-277VAC Wiring Connections	
Power Supply	**Power Source**
ACN (Blue)	120-277VAC Common
ACL (Brown)	120-277VAC

5b
- Requires a 120-277VAC power source run through dedicated non-metallic conduit.
- Must mount box with condensation element at bottom.
- Installer will need to add a hole to bottom for conduit.

'Small' 24v Wiring Connections	
Autani Extender	**Power Source**
Common (Black)	24v Common
24v (Red)	24v

- Requires a 24V power source run through dedicated non-metallic conduit.
- Must mount box with conduit opening and condensation element at bottom.

6
Use an inside the box drip-deflector to divert any condensation that forms inside the box away from the wireless device, or drill a couple of small holes on the bottom side of the enclosure to allow condensation to drain accordingly.

7
Form a loop in the wires to prevent moisture following the wires into the wireless device.
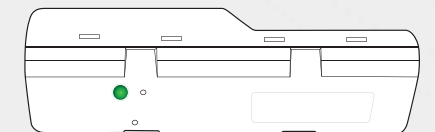
8
Secure the faceplate of the enclosure using the 4 screws provided.

9
Use weather sealing caulk around the seal of the enclosure as well as the conduits connection into the enclosure's knockout.

LED Behaviours

Pressing SW1 will 'double flash' the LED if device is on a network. The LED will also 'double flash' if the 'identify' command is sent to the device.

LED Color		Device Status Description
	Solid Green	Searching for a network
	Flashing Green	Joining a network
	LED OFF	Device is on a network

Serial Number Information and Tracking

The serial number or ID of a device is used to track device installation locations and details for the commissioning process. The identification information for each device should be tracked in a meaningful way, many devices include duplicate 'stickers' with this information. Autani provides an iOS app to assist with the process.

For help getting starting with the iOS Commissioning App please see Autani's User Guide for the iOS Commissioning App.

Once commissioning details are collected, either through the iOS Commissioning App, or by tracking identifiers on drawings/spreadsheets. Please provide this information to support@autani.com to begin the commissioning process.