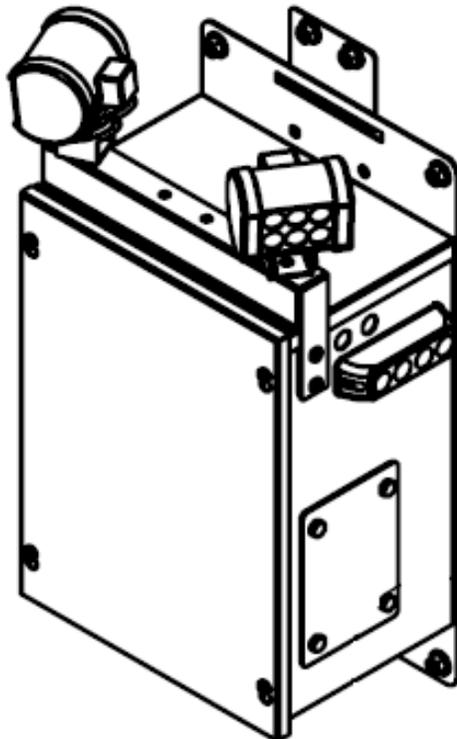# HYPERION™
INSTALLATION GUIDE

HYPERION MASTER SECURITY ENCLOSURE
HYP-MSEWEN-W

ABOUT THIS DOCUMENT
This document pertains to installation of the Hyperion Modular Security Enclosure (HYP-MSEWEN-W). Before installation, please familiarize yourself with this installation guide and review the Hyperion User Guide to understand system configuration and setup.

PRODUCT MODIFICATIONS
This product is to be installed and used for the specific purpose for which it was designed. It is not to be modified or serviced by anyone other then Wren. Unauthorized changes or modifications to the product will result in the warranty being voided and could possibly invalidate regulatory certifications.

WARRANTY
Unless otherwise noted, all products are covered by Wren's Standard Limited Manufacturer's Warranty as set forth in the current version of Wren's Terms and Conditions.

INTELLECTUAL PROPERTY RIGHTS
Wren maintains certain intellectual property rights that may pertain to this product. To see a list of our patents, please refer to the current version of Wren's Terms, Conditions and Policies.

TRADEMARK ACKNOWLEDGMENTS
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PRODUCT SUPPORT

For comprehensive product support including manuals, FAQs and troubleshooting, visit our customer support portal
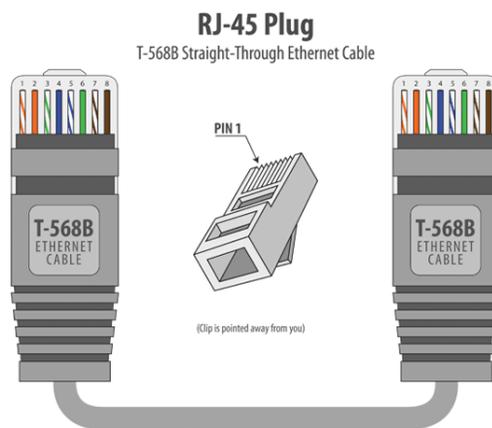
WWW.WRENSOLUTIONS.COM/SUPPORT

(800) 881-2249
EXTENSION 4
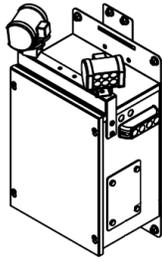
BEFORE BEGINNING INSTALLATION, PLEASE MAKE SURE OF THE FOLLOWING:

- YOU HAVE READ THE INSTALLATION GUIDE
- YOU HAVE READ THE USER GUIDE
- YOU ARE ONLY USING THE HYPERION POWER SUPPLY
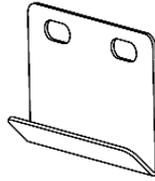- YOU HAVE TESTED AND CERTIFIED ALL CABLE CONNECTIONS FOR PROPER PINOUT ALIGNMENT PER T-568B STANDARD

RJ-45 Plug
T-568B Straight-Through Ethernet Cable

PIN 1

T-568B
ETHERNET
CABLE

T-568B
ETHERNET
CABLE

(Clip is pointed away from you)

IMPROPER CABLING COULD DAMAGE THE GATEWAY AND VOID PRODUCT WARRANTY
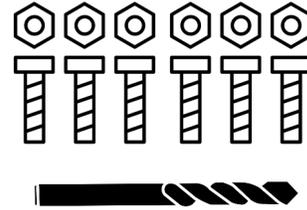
COMPONENT LIST

Prior to installation, verify that all hardware is included. If there are missing components, please contact Wren.

Hyperion MSE Unit

Mounting Hook

Mounting Hardware
(includes masonry bit)

REQUIRED TOOLS AND ACCESSORIES

Wrench

Hammer Drill

Cables (CAT5 or higher)

NOTE: CABLING SHOULD MEET THE T-568B WIRING STANDARD AND ALL CABLES SHOULD BE TESTED BEFORE USE. IMPROPER CABLING COULD DAMAGE THE GATEWAY AND VOID PRODUCT WARRANTY
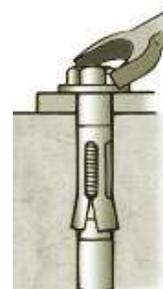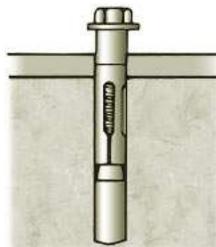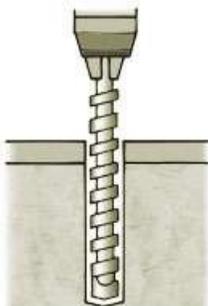
WALL ANCHOR INSTRUCTIONS

BEFOR MOUNTING, PLEASE READ THE ANCHOR INSTALLATION INSTRUCTIONS BELOW.

Steps to install masonry sleeve anchors
- Using a hammer drill and drill bit provided in **Hardware Anchor Kit**, drill a hole 3.5" deep.
- Clean out the hole of all debris.
- Set the nut flush with the top of the sleeve anchor
- Insert the sleeve anchor through the fixture into the hole in the wall until the washer and nut are tight against the mounting plate.
- Turn the nut until finger tight then use a wrench to set the anchor by turning the nut three to four full turns.

1   IDENTIFY MOUNTING LOCATION

Mounting Surface
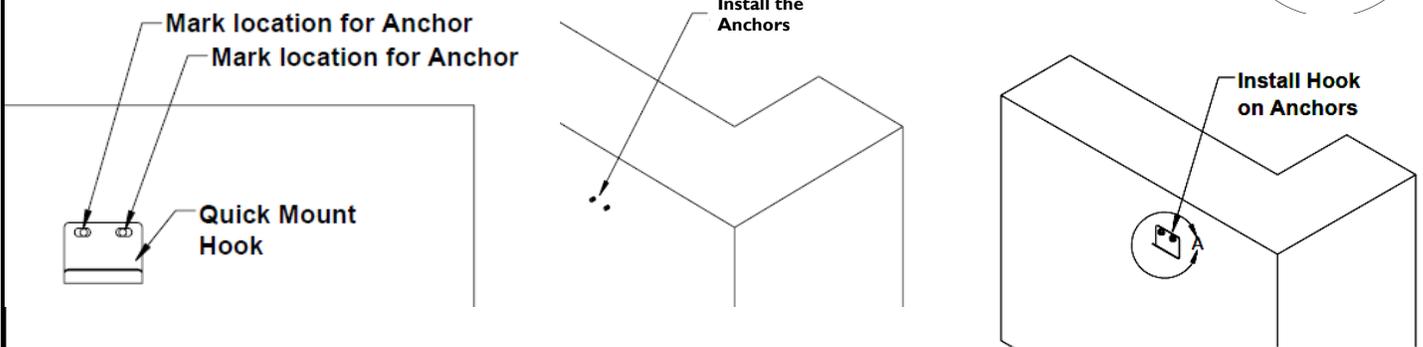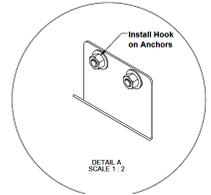The MSE should be mounted to a structurally solid, vertical wall surface.
Mounting Height
The minimum recommended minimum mounting height for this device is 8' from ground level an clear of visual obstructions like trees,   Mounting heights over 8 feet are acceptable.

2   MOUNTING HOOK INSTALLATION

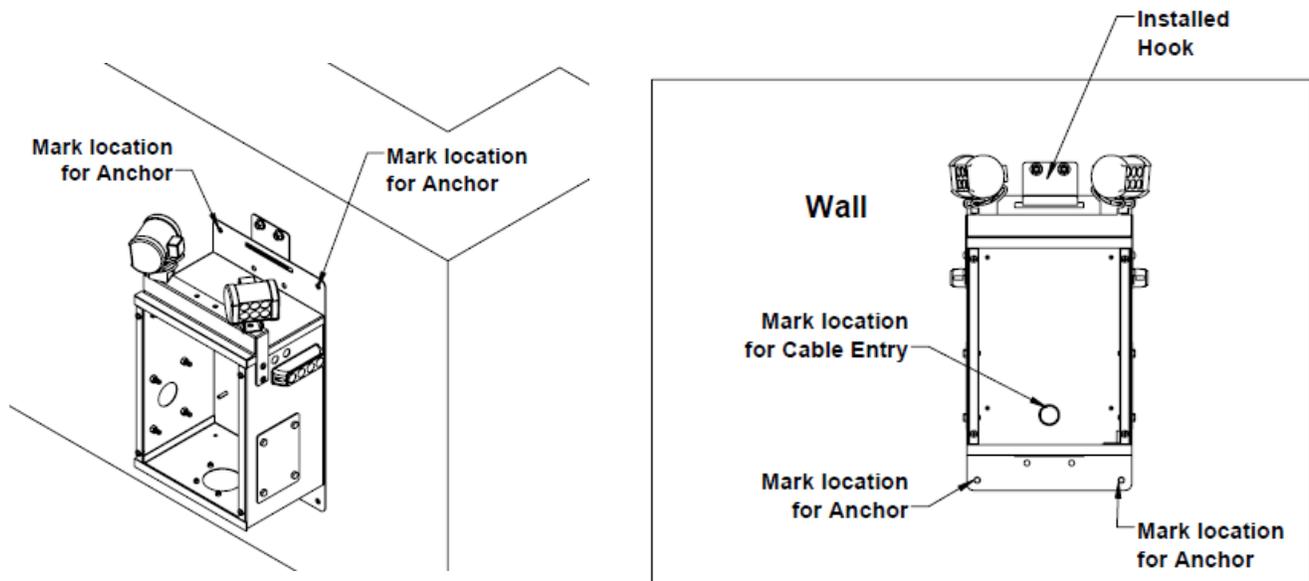Install the Mounting Hook in the desired location. Use 2 of the anchors provided in the hardware kit.

Refer to the masonry sleeve anchor instructions in this document for proper installation of anchors.

Install Hook on Anchors

DETAIL A
SCALE 1:2

Mark location for Anchor
Mark location for Anchor
Quick Mount Hook

Install the Anchors

Install Hook on Anchors

3   PREP THE WALL FOR MOUNTING

Hang the MSE on the Mounting hook. Mark all four anchor locations and the cable entry location.

Mark location for Anchor
Mark location for Anchor

Installed Hook
Wall
Mark location for Cable Entry
Mark location for Anchor
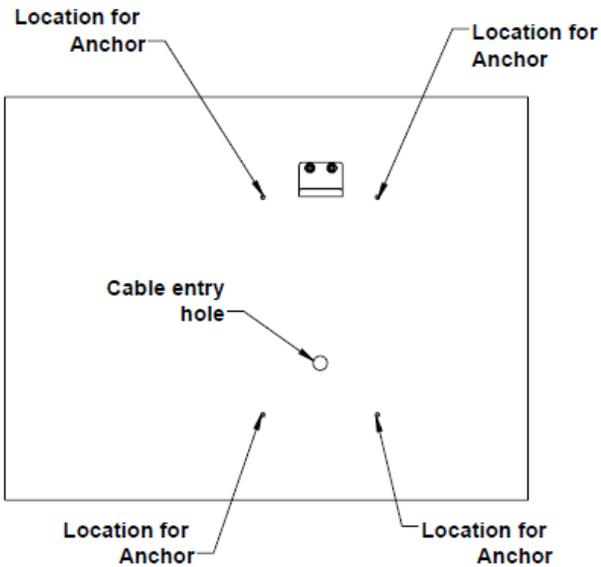Mark location for Anchor
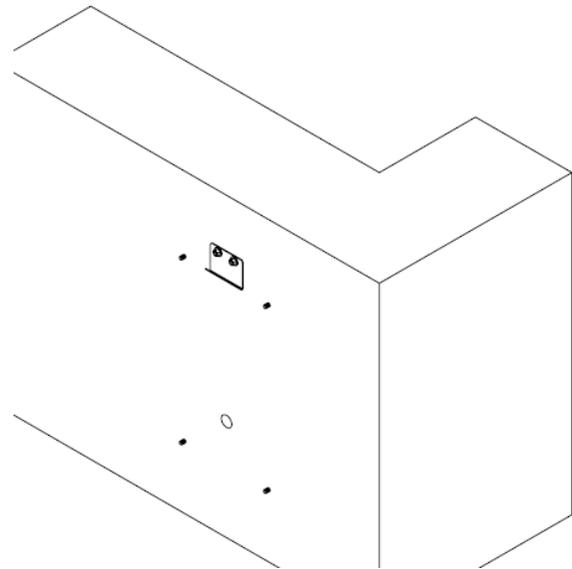
4 INSTALL MSE ANCHORS

Remove the MSE from the hanger and drill the anchor holes using the masonry bit provided.

Install the anchors per the instructions provided in this document.

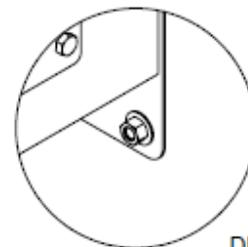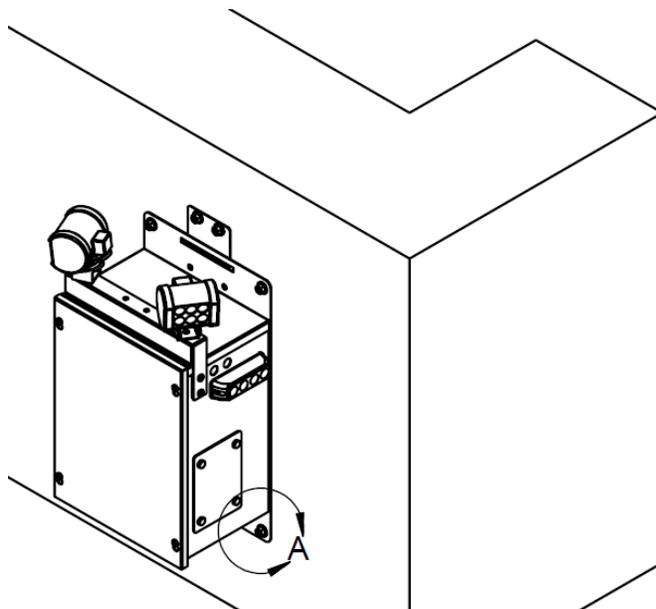Drill a 3/4" cable entry hole in the marked location.

Location for Anchor

Location for Anchor

Cable entry hole

Location for Anchor

Location for Anchor

Install Anchors in drilled holes

5 MOUNT THE MSE

Hang the MSE on the hanger and secure the device to all four installed anchors.

DETAIL A
SCALE 1 : 4

A

6 RUN CABLING

Cabling Specifications
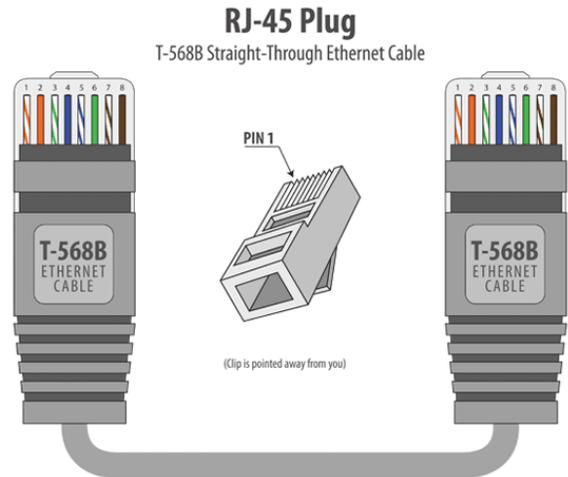Maximum cabling distance is 300 feet.

Cabling should be minimum CAT5 rated and at least 24AWG.

Cabling Procedure
Run a length of Cat5 or greater cabling from the MSE to the Hyperion Gateway.

Crimp RJ45 connectors to each end of the cable run.

Certify that the cabling meets the T-568B standard

RJ-45 Plug
T-568B Straight-Through Ethernet Cable

PIN 1

T-568B ETHERNET CABLE

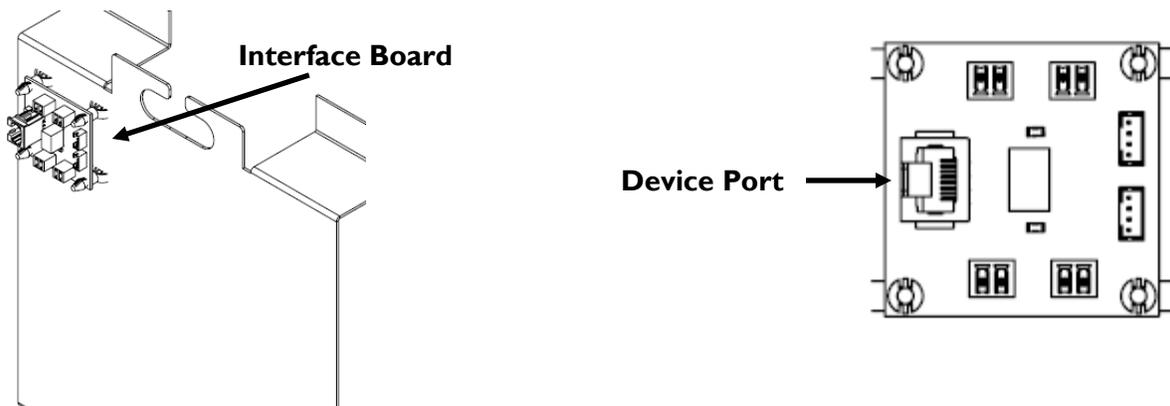T-568B ETHERNET CABLE

(Clip is pointed away from you)

7 CONNECT THE MSE

Connect the terminated Cat5 cabling to the device port in the HYP-MSE box.

Do Not disconnect any other cables from the Interface Board.

Interface Board

Device Port

8 CONNECTING DEVICES

NOTE:
- THESE ARE **NOT** ETHERNET PORTS
- ENSURE THAT ALL CABLING CONNECTIONS HAVE BEEN CERTIFIED BEFORE ATTACHING TO ANY DEVICES
- IMPROPER CABLING COULD DAMAGE THE EQUIPMENT AND VOID PRODUCT WARRANTY
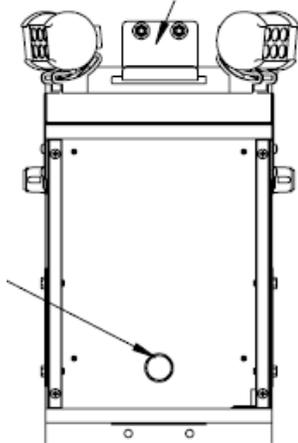- CABLES RUNS SHOULD NOT EXCEED 300 FEET

Before connecting cables from devices, refer to the **Gateway Configuration Plan** to ensure Hyperion devices are plugged into their respective ports.

For Gateways that were not factory-configured, please complete the **Gateway Configuration Plan** before making any connections.
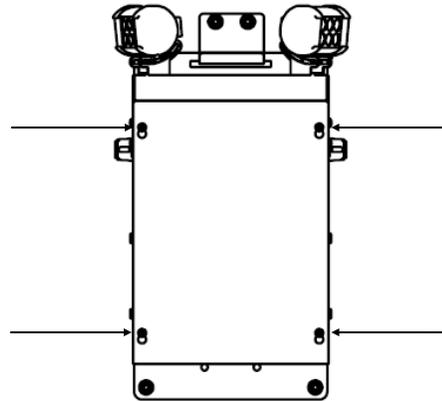
9   SEAL CABLE PENETRATION

Seal the Cable Penetration using an appropriate outdoor sealant.

10   ATTACH THE DOOR

Attach the door and secure all four fasteners.

11   CONNECTING DEVICES

NOTE:
- THESE ARE **NOT** ETHERNET PORTS
- ENSURE THAT ALL CABLING CONNECTIONS HAVE BEEN CERTIFIED BEFORE ATTACHING TO ANY DEVICES
- IMPROPER CABLING COULD DAMAGE THE EQUIPMENT AND VOID PRODUCT WARRANTY
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Before connecting cables from devices, refer to the **Gateway Configuration Plan** to ensure Hyperion devices are plugged into their respective ports.

For Gateways that were not factory-configured, please complete the **Gateway Configuration Plan** before making any connections.

12   CONNECT TO GATEWAY

Connect the CAT5 cabling to the appropriate port on the Gateway.

Be sure to connect the device to the appropriate Hyperion Device Port.