

Wall-Mount RFID Portal



ZEBRA

Installation Guide

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Contents

- Introduction..... 4**
 - Typical Tool Requirements..... 4
 - Included Hardware..... 4
- Installation..... 5**
 - Installing the Panel..... 5
 - Installing the Coaxial Cable..... 7
- Maintenance..... 8**
 - Site Cleanup..... 8

Introduction

This document describes installing the Zebra Wall-Mount RFID Portal.

This installation should only be performed by a professional technician trained to install this hardware.

Read these instructions thoroughly before performing the installation.

Typical Tool Requirements

This topic lists the typical tools needed for installation.

- Pencil or another marking tool
- Box Cutter
- Snips
- Tape Measure
- Level
- Drill
 - 1/4-in. drywall bit
- Impact Driver
- Phillips/Flat Screwdriver
- Zip ties
- Vacuum

Included Hardware

This topic lists the included hardware.

- #8 drywall screws and anchors

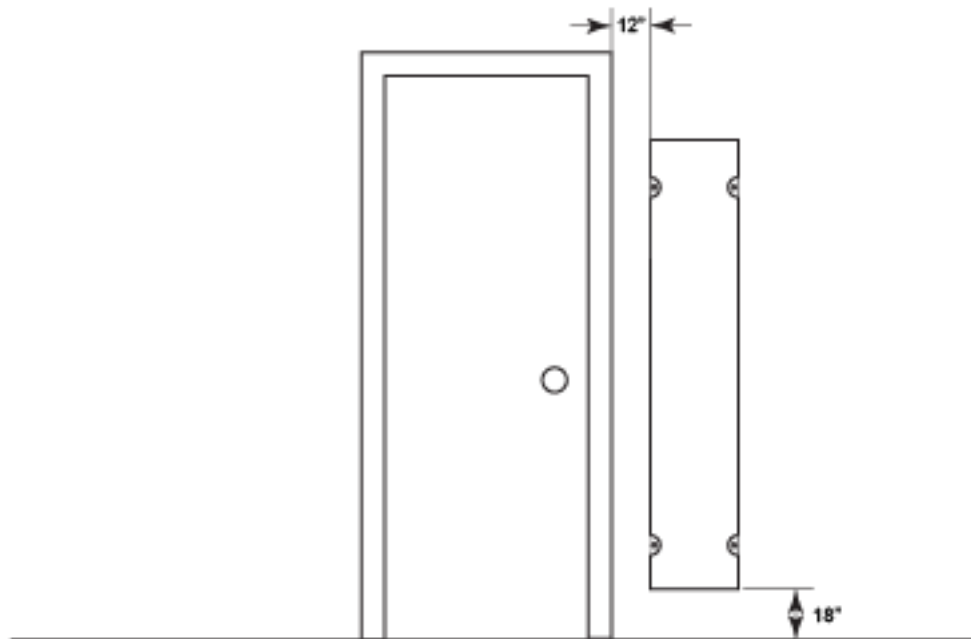
Installation

This topic describes how to install the Wall-Mount RFID Portal

Installing the Panel

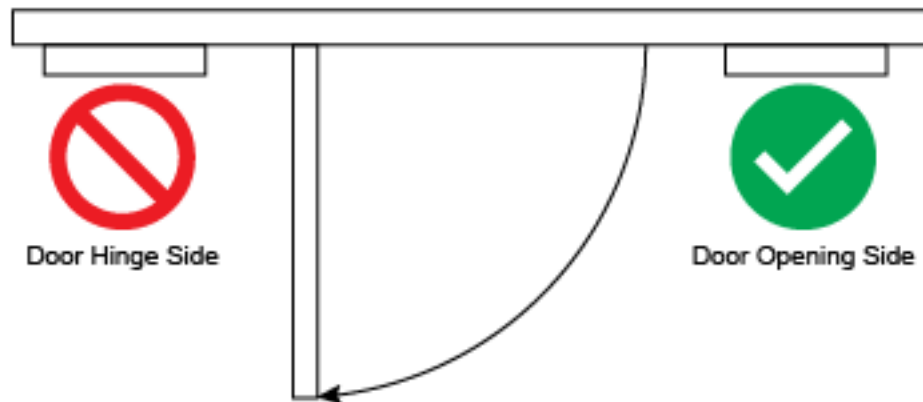
Decide on a mounting location.

- The bottom of the wall-mount enclosure should be no less than 18-in. from the floor and at least 12-in. from the door frame or opening.



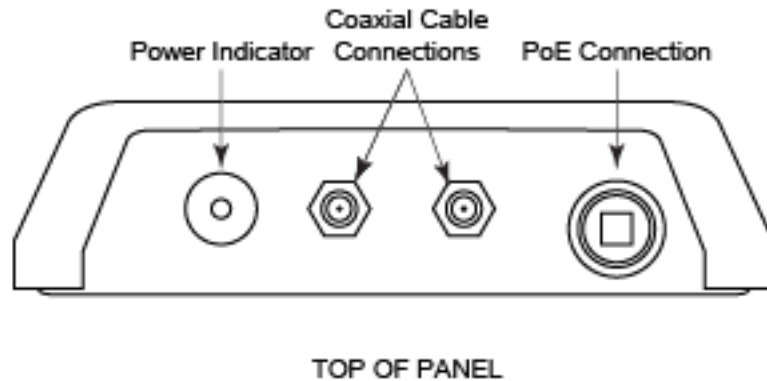
Installation

- Do not mount the panel on the hinge side of the doorway. This could cause damage to the antenna or enclosure from door impacts.



- Do not mount the panel near metal doors. This can prevent tags from being read.
 - Make sure the mounting surface is flat.
1. Use a level to position the panel on the wall and mark the four mounting holes onto the wall.
 2. Remove the panel and drill the four mounting holes using a drill and a #8 bit.
 3. Insert the #8 drywall screw anchors into the holes until they are flush with the wall surface.
 4. Place the panel onto the wall and align it with the screw anchors.
 5. Fasten the panel to the wall using the four #8 drywall screws. Make sure the panel remains level during this process

6. Connect power-over-Ethernet (PoE) and coaxial cables into their respective ports (cables not included).



Installing the Coaxial Cable

This topic describes basic routing of the coaxial cable (if required).

Coaxial cables are ordered separately and based on the installation requirements to interconnect two panels.

Cables can be routed externally or internally if construction preparation is done prior to panel installation.

1. Connect the coaxial cable(s) to the main panel.
2. Route cables so as not to interfere with pedestrian traffic or equipment.
3. Connect coaxial cables to the secondary panel.
4. Zip tie cables together as necessary.

Maintenance

This topic describes cleaning up after the installation.

Site Cleanup

This topic describes general clean-up requirements.

- Remove any packing material, packing ties, tools, and equipment used for the installation.
- Make sure to clean up any dust or debris created by the installation.

