

Wall-Mount RFID Portal



Installation Guide



ZEBRA

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Introduction

These fully enclosed, plug-and-play units mount easily beside doorways and hallways near storage rooms, offices and warehouses to provide versatile RFID tracking for multiple applications. Specialized antennas tune out cross-talk, reducing erroneous reads and sustaining a highly accurate read rate through the portal.

This document describes how to perform a typical installation of the Zebra Wall-Mount RFID Portal.

Included Hardware

- #8 drywall screws and anchors

Typical Tool Requirements

- Box Cutter
- Snips
- Tape Measure
- Level
- Drill
- ¼-inch drywall bit
- Impact Driver
- Phillips/Flat Screwdriver
- Zip ties
- Vacuum

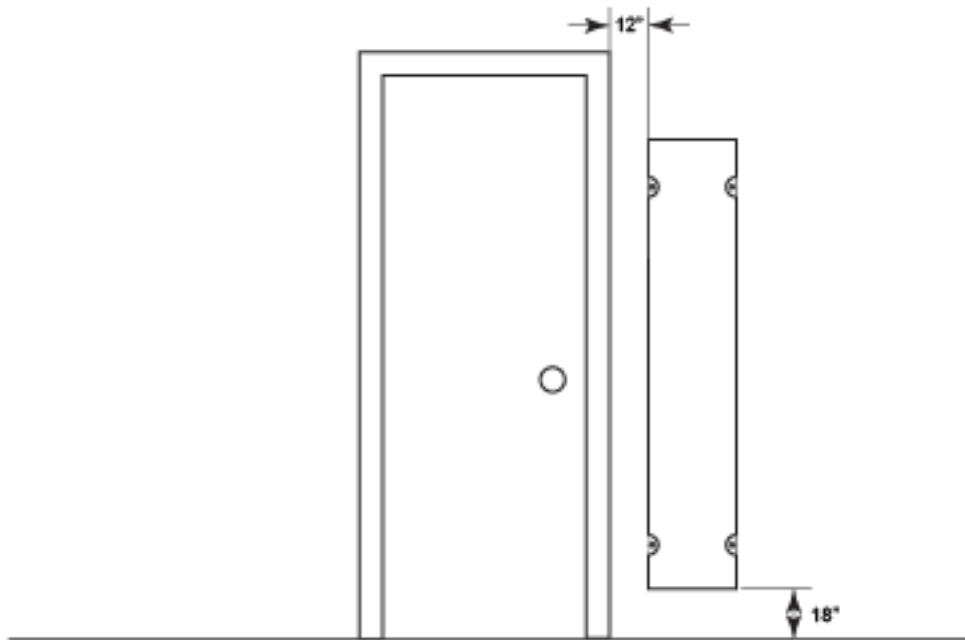
Installation

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

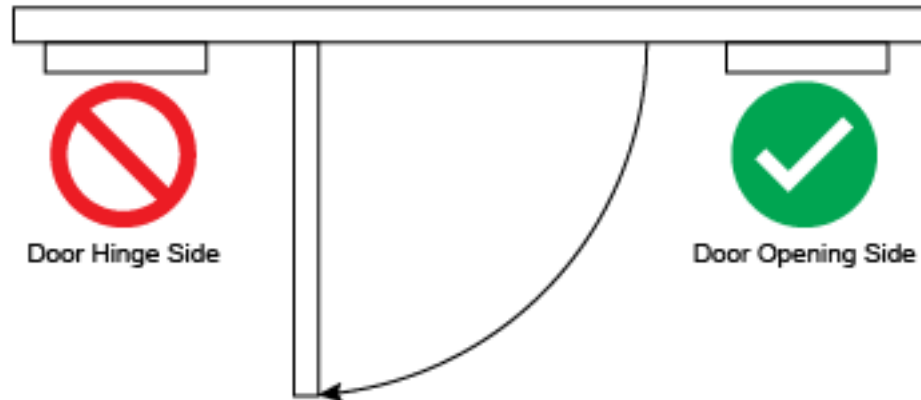
Read these instructions thoroughly before performing the installation.

Panel

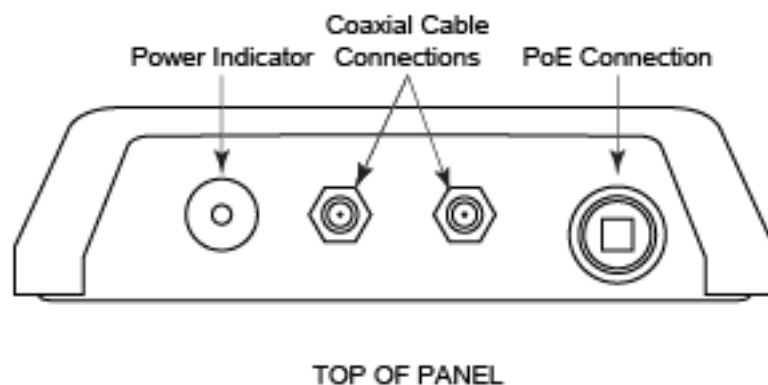
1. Decide on a mounting location.
 - a. Panel should be 18 inches from the floor and at least 12 inches from the door frame or opening.



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



- c. Do not mount the panel near metal doors as this can prevent tags being read.
- d. Make sure the mounting surface is flat.
- Using a level against the panel, place the panel against the wall and mark the mounting holes onto the wall surface.
 - Remove the panel and drill the four mounting holes using a drill and a #8 bit.
 - Insert the screw anchors into the holes until flush with the wall surface.
 - Place the panel onto the wall and align with holes previously drilled.
 - Fasten the panel to the wall using the four 1/4-inch screws. Make sure to continuously maintain level during this process.
 - Connect Power over Ethernet (PoE) and coaxial cables into respective ports (cables not included).



Coaxial Cable

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.

