Intermec

Instructions

MobileLAN™access WA21/2100 Rotating Mounting Bracket Kit

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Outside U.S.A. and Canada: Contact your local Intermec service supplier.

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There are U.S. and foreign patents pending.

About the Rotating Mounting Bracket Kit

This instruction sheet explains how to mount the rotating mounting bracket and then how to install the MobileLAN™access WA21 or the MobileLAN™access 2100 in the bracket. After you install the access point in the bracket, you can secure it with a lock to prevent unauthorized access. Using the bracket also lets you access the access point without having to completely remove the access point from its mounting location. Your kit (P/N 068751) contains these parts:

- Rotating mounting bracket
- Lanyard assembly (1 lanyard, 2 thread-forming screws)
- ¼-20 hex bolts (2)
- Shoulder washers (2)
- ¼-20 Phillips screws (2)
- Split lock washers (2)
- Flat washers (2)

Mounting the Bracket

You can mount the bracket to a wall or beam. Be sure you mount the bracket in accordance with local building codes. The bracket must be mounted to a sturdy surface such as:

- a wood surface at least 9.52 mm (3/8 in) thick.
- a 14-gauge steel surface at least 2 mm (.075 in) thick.
- a drywall surface at least 12.7 mm (1/2 in) thick, with appropriate drywall reinforcement such as drywall anchors.

You need the following tools and materials to mount the bracket:

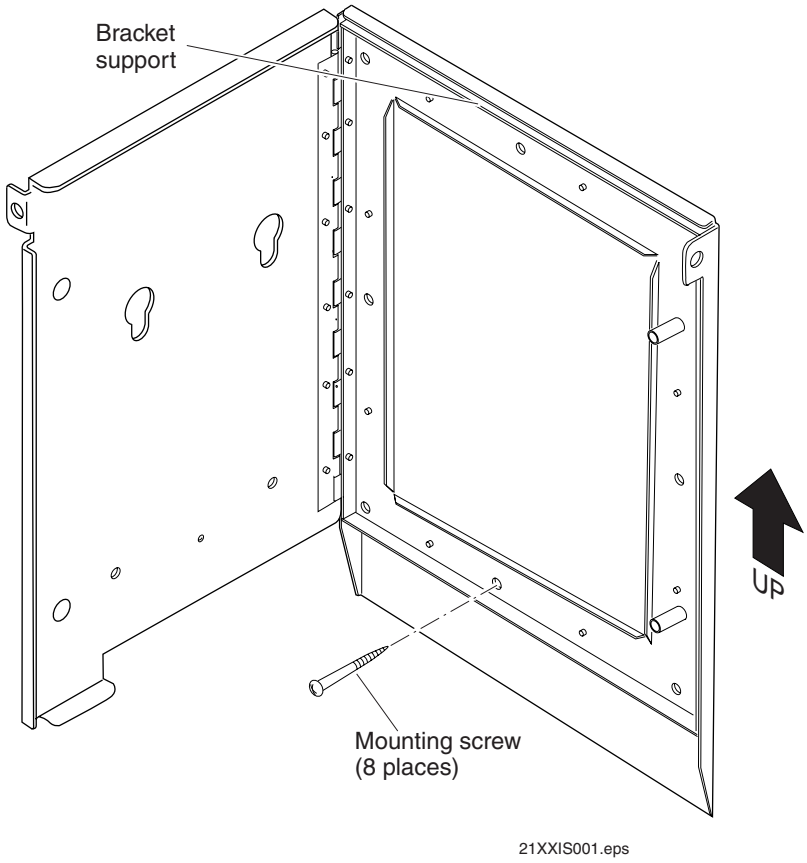
- Four to eight screws that are up to 6 mm (1/4 in) in diameter. The screws should be appropriate for the surface on which you are mounting the bracket.
- Small padlock (optional)
- Drill and drill bit appropriate for the mounting screws you are using
- Straight-slot screwdriver, small Phillips screwdriver, large Phillips screwdriver

You may need additional common hand tools and mounting hardware, depending upon your installation.

Note: To maintain the IP 54 environmental rating, you must mount the access point with the antenna connector pointing up.

To mount the bracket

1. Open the bracket so the mounting holes in the bracket support are visible.
2. Use the bracket support as a template to mark the location of at least four mounting holes on the mounting surface. If you are mounting the bracket to a drywall surface, you should use all eight mounting holes.
3. Drill the mounting holes at the marked locations.
4. Insert screws through the bracket support into the mounting holes and tighten securely.



5. If needed, use additional hardware to secure the bracket to the mounting surface.

Installing the Access Point in the Bracket

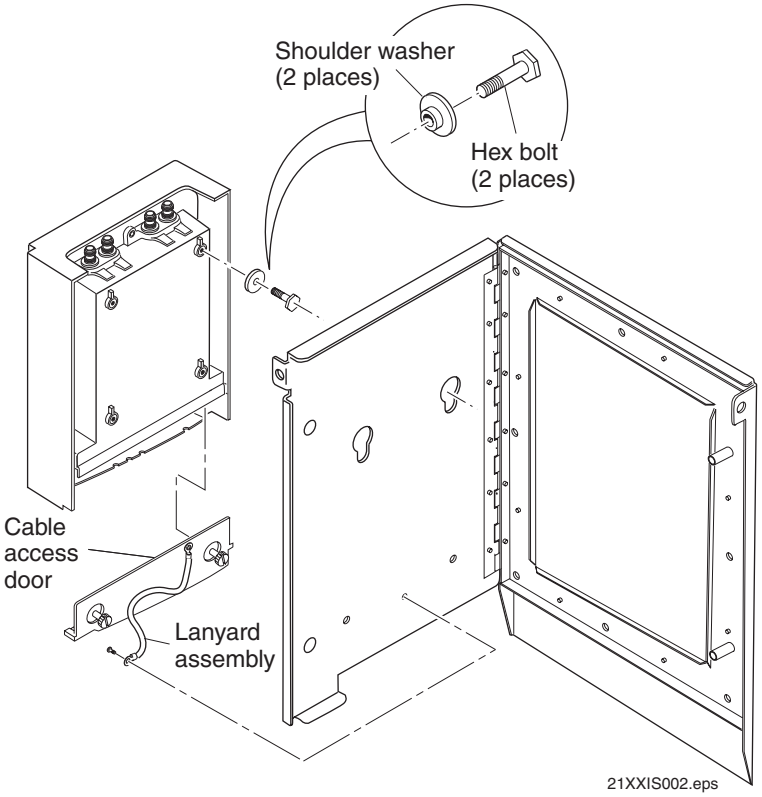
To install the access point in the bracket, you must perform these tasks:

- Attach the lanyard to the bracket and to the cable access door.
- Install the bolts and shoulder washers on the access point.
- Secure the access point to the bracket.

The instructions for each task are described in this section.

To attach the lanyard

1. Turn the access point over so it rests on its top cover.
2. Disconnect all cables from the access point.
3. Loosen the thumbscrews on the access point cable access door and remove the door.
4. Attach one end of the lanyard to the cable access door using one thread-forming screw from the lanyard assembly and the small Phillips screwdriver. The lanyard should rotate freely after it is secured.
5. Attach the other end of the lanyard to the small hole in the bottom of the rotating mounting bracket using the second thread-forming screw from the lanyard assembly.

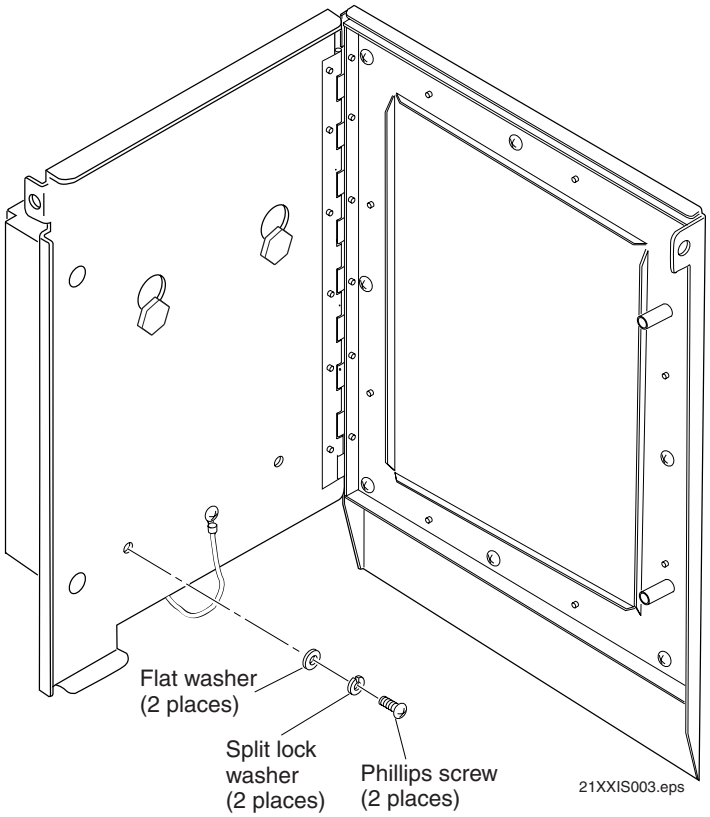


To install the bolts and shoulder washers

1. On the bottom of the access point, use a straight-slot screwdriver to pry off the two rubber feet that are closest to the antenna connectors.
2. Thread one shoulder washer onto each hex bolt, making sure the flat side of the washer is next to the head of the bolt.
3. Screw the hex bolts with washers into the holes uncovered by the removal of the rubber feet.
4. Tighten each bolt until the shoulder washer is pressed firmly into the access point chassis.

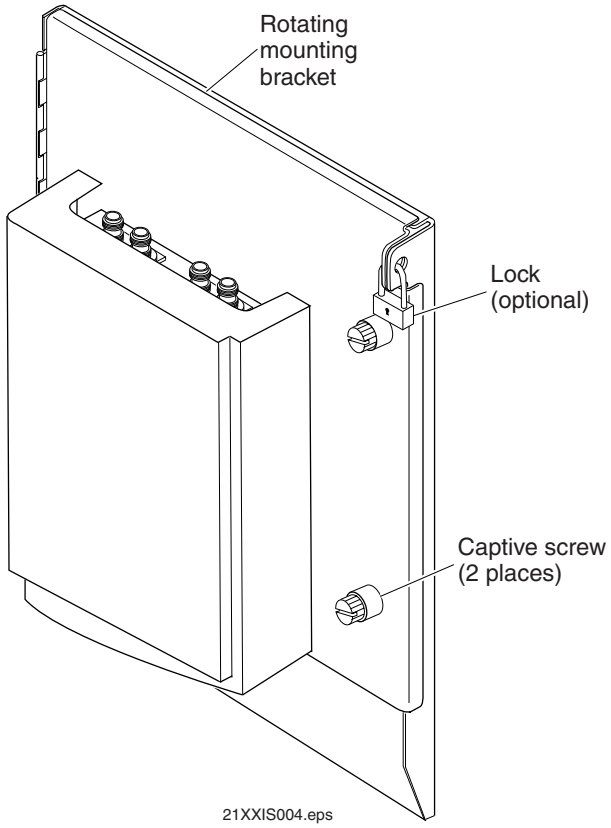
To secure the access point to the bracket

1. Use the straight-slot screwdriver to pry the two remaining rubber feet off the access point.
2. Rotate the bracket closed.
3. Lift the access point so the antenna connectors are pointing up.
4. Insert the hex bolts that you just installed on the access point into the keyhole slots on the bracket.
5. Slide the access point down until the hex bolts are firmly seated in the bottom of the keyhole slots.
6. Rotate the bracket open.
7. Thread one split lock washer and one flat washer, in that order, onto each Phillips screw.



8. Insert each screw through the hole in the bracket and into the hole uncovered by the removal of the rubber feet.
9. Use the large Phillips screwdriver to tighten the screws.
10. Reattach all cables to the access point.
11. Reinstall the cable access door.
12. Rotate the bracket closed.

13 Tighten the captive screws to secure the bracket to the bracket support.



For additional security, you can supply a padlock and insert it through the bracket and bracket support.

You have completed the installation. For more information about your access point, see the *MobileLAN access System Manual* (P/N 067150).

Caution

According to Part I, Rule 4-010 of the Canadian Electrical Code, the suitability of the use of flexible cord is to be determined by the local inspection authority having jurisdiction.

Attention: Conformément à la Section 1 du Règlement 4-010 du Code canadien sur l'électricité, l'aptitude à utiliser un cordon flexible doit être déterminée par les services d'inspection locale ayant autorité dans ce domaine.

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