



IP500 Wall Mounting Kit Instructions

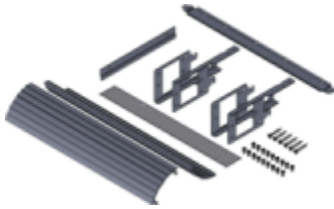
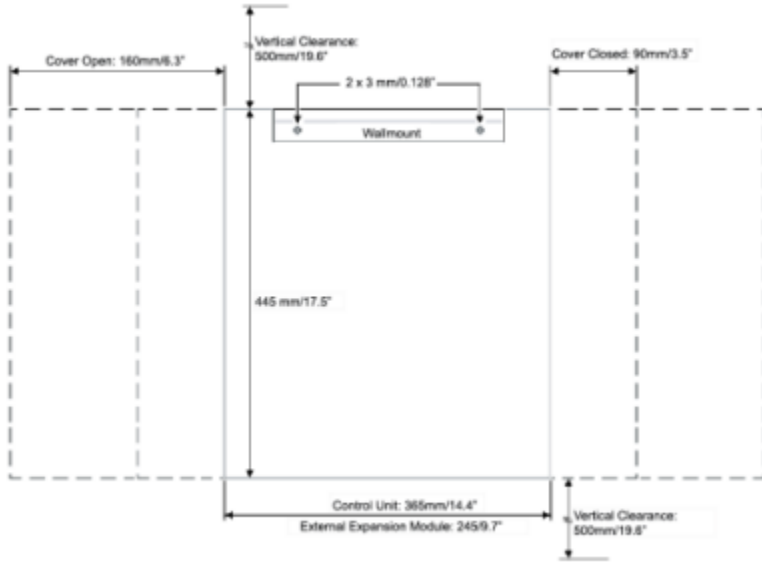
Introduction

These notes relate to the IP500 Wall Mounting Kit V3 (*SAP 700503160*). This kit can be used to wall mount IP500 and IP500v2 control units, as well as IP500 external expansion modules.

This kit includes all components necessary for wall mounting onto a plywood surface. The use of the cable covers is optional.

In addition to the existing environmental requirements for an IP Office system, the following additional requirements apply when wall mounting a unit:

- The wall surface must be vertical, flat, and vibration free. Attachment to temporary walls is not supported.
- Only the screws provided with the mounting kit should be used to attach the brackets to the control unit.
- The installation **must** be done by a service person.
- For control units, the mesh flame screen **must** be installed at the bottom edge of the control unit before mounting.
- Ensure that the system has been shut down and power has been removed from all the units. Shut down the system using a shutdown command and then remove the power. Do not simply remove the power.
- If mounting a control unit, you **must** wait at least 15 minutes after removing the power cord before fitting the flame screen.
- A suitable plywood mounting surface of at least 19 mm (0.75 inches) is required.
- The control unit and expansion modules can be oriented in any direction.



Wall Mounting Process

Procedure

1. **Shut down the system:** Make sure the system has been shut down and power has been removed from all the units.
 - Shut down the system using a shutdown command and then remove the power. Do not simply remove the power.
2. **Fit the flame screen:** Mandatory — Control units only

❗ Important:

The flame screen mesh must be installed on all wall mounted control units.

- a. Decide how you want to position the control unit on the wall. Determine which side will be the bottom of the control unit.
- b. The flame screen is installed between the brackets and the control unit. Attach the brackets with the screws going through the mounting bracket holes, screen holes, and then into the unit.

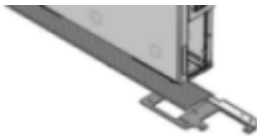


Figure 1: Fitting the flame screen

3. **Attach brackets to secure the flame screen:** Only use the screws provided with the wall mounting kit for attaching the metal brackets.

★ Note:

When attaching the rear brackets to the unit, use the holes marked with B.



Figure 2: Brackets with flame screen

4. **Attach top brackets:** Only use the screws provided with the wall mounting kit.
5. **Fit the wall bracket:** Using two of the screws provided with the kit, attach the wall bracket to the plywood surface.



Figure 3: Fitting the wall bracket

6. **Place the unit onto the wall bracket:** Lift the unit onto the wall bracket. The two metal brackets should rest evenly on the wall bracket.

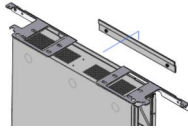


Figure 4: Placing the unit onto the wall bracket

7. **Attach the unit to the wall panel**
 - a. Using the remaining 4 screws provided with the kit, fix the cover brackets to the plywood surface.
 - b. Reinsert the base cards and blank slot covers.

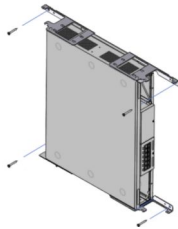


Figure 5: Attaching the unit to the wall panel

8. **Install the cable management bar** (see [Figure 6: Installing the cable management bar and the doors](#) on page 5)
 - a. With the arrow pointing up, slide the top of the bar into the slot on one side of the unit.
 - b. Push the bottom of the bar into the bottom slot.
 - c. Insert at least one screw to prevent the bar from moving.

*** Note:**

To assist in threading the tie wrap through the cable management bar, bend the end of the tie wrap upward so it will easily come out through the other hole.

9. **Install the doors**
 - a. Find the pin on one of the doors.
 - b. Insert the pin into the mating hole at the top of the bracket.
 - c. Push the other end of the door in until it snaps into place.
 - d. Close the door.
 - e. To install the other door, repeat step [a](#) on page 4 to step [d](#) on page 4.

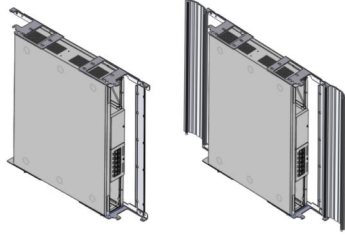


Figure 6: Installing the cable management bar and the doors

*** Note:**

An optional clamp has been added for power cord retention.
