



M-Type Surface Mount Boxes (SMB) Installation Instructions

General

The **CommScope**® M-type surface mount boxes (SMB) are designed to support the use of M-series information outlets in an indoor, wall-mounted enclosure that can accommodate from 1 to 12 outlets and is available in five sizes and four colors. The box is available in a 1-port, 2-port, 4-port, 6-port, and 12-port version, all of which may be mounted to a wall or other smooth, flat surface using either the screws or double-sided adhesive tape provided with each unit. This instruction sheet covers all five sizes of the M-type surface mount box.

Ordering information is listed below:

| Material ID | Part Number | Color/Ports | Material ID | Part Number | Color/Ports |
|-------------|---------------|-------------|-------------|-------------|-------------|
| 107984007 | M101SMB-B-246 | Ivory/1 | 107431546 | M106SMB-246 | Ivory/6 |
| 107984015 | M101SMB-B-262 | White/1 | 107431538 | M106SMB-262 | White/6 |
| 107984023 | M101SMB-B-270 | Gray/1 | 107431553 | M106SMB-270 | Gray/6 |
| 107983983 | M101SMB-B-003 | Black/1 | 107431520 | M106SMB-003 | Black/6 |
| 107984049 | M102SMB-B-246 | Ivory/2 | 106658149 | M112SMB-246 | Ivory/12 |
| 107984056 | M102SMB-B-262 | White/2 | 106658156 | M112SMB-262 | White/12 |
| 107984064 | M102SMB-B-270 | Gray/2 | 106688419 | M112SMB-270 | Gray/12 |
| 107984031 | M102SMB-B-003 | Black/2 | 106658164 | M112SMB-003 | Black/12 |
| 107952442 | M104SMB-A-246 | Ivory/4 | | | |
| 107952459 | M104SMB-A-262 | White/4 | | | |
| 107952467 | M104SMB-A-270 | Gray/4 | | | |
| 107952475 | M104SMB-A-003 | Black/4 | | | |

How to Contact Us

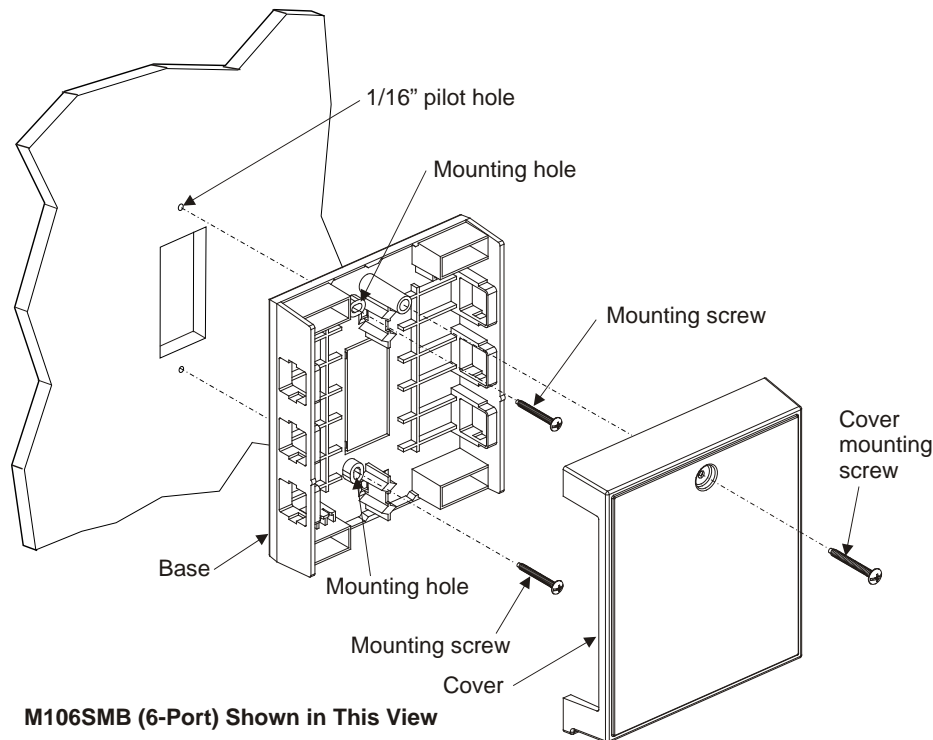
- To find out more about **CommScope**® products, visit us on the web at <http://www.commscope.com/>
- For technical assistance:
 - Within the United States, contact your local account representative or technical support at 1-800-344-0223. Outside the United States, contact your local account representative or Authorized Business Partner.
 - Within the United States, report any missing/damaged parts or any other issues to **CommScope** Customer Claims at 1-866-539-2795. Outside the United States, contact your local account representative or Authorized Business Partner.

Parts List

Verify contents for each SMB from the parts listed below.

| Quantity | | | | | Description |
|----------|--------|--------|--------|---------|-------------------|
| 1-Port | 2-Port | 4-Port | 6-Port | 12-Port | |
| 1 | 1 | 1 | 1 | 1 | Base |
| 1 | 1 | 1 | 1 | 1 | Cover |
| 2 | 2 | 2 | 2 | 2 | Mounting screw |
| 1 | 1 | 1 | 2 | 2 | Mounting strip |
| 0 | 1 | 3 | 3 | 6 | Dust cover |
| 0 | 0 | 1 | 1 | 1 | Cover screw |
| 0 | 0 | 0 | 1 | 2 | Label |
| 1 | 1 | 1 | 1 | 1 | Instruction sheet |

Installation



Note: If cables will be entering the box through the base, remove the required knockout in the base prior to mounting.

Mount Base – Mounting Screw Method

1. Using the mounting holes in the base as a guide, make two marks on the mounting surface and drill a 1/16-inch pilot hole in the mounting surface before starting the screws.
2. Using a screwdriver, tighten the screws provided with the unit and secure the base to the surface.

Mount Base – Adhesive Tape Method

1. Peel away protective backing from one side of double-sided adhesive tape and stick tape to back of base unit.
Note: Position tape on back of base unit so as not to interfere with the openings that cables may be routed through. Tape may need to be trimmed to fit around cable openings.
2. Peel away other protective backing from tape and position base on wall where desired and press firmly.
Note: For mounting base to any other surface, mounting hardware will need to be obtained locally.
Note: The 1-, 2-, 6- and 12-port surface mounted boxes (SMB's) can support cabling that enters from the sides or from the base. The 4-port box supports cabling entering through the base only
3. If cables are going to enter the SMB through the side of the cover, carefully remove the knockout on the cover with a small pair of pliers.
4. Prepare cables per local practices and terminate outlets per the instructions included with the M-series outlets. Always use care to minimize movement and stress on the exposed twisted-pair conductors near the outlets.
5. Snap outlets into the outlet frames from inside of the base area. The outlets should be mounted into the base so that the mating plugs (once connected) will have their release tabs located toward the base of the box.
Note: Dust covers should be used in all ports that are not populated with outlets. These covers press into the outlet frames from the outside of the box.
6. Secure the cover on the 1-port and 2-port SMB's by simply snapping it on the base and on the 4-, 6-, and 12-port SMB's by using the screw provided.