enginuity communications

OnSite™ Wall Mount Bracket
Model WMB-3U

1. OVERVIEW

The WMB-3U Wall Mount Bracket enables network and telecommunications devices to be mounted flush to a wall thereby minimizing the depth requirements typically associated with free standing or wall-mounted racks. The WMB-3U supports up to 3U of equipment (Figure 1).

Document Status

This document has been reissued to clarify the mounting instructions.

Product Features

- Provides 3U of rackable space
- Allows horizontal or vertical orientation for optimal equipment access
- Heavy-duty 12 gauge steel

2. APPLICATIONS

The WMB-3U is typically used in small equipment rooms or closets where there may be inadequate space for floor or wall mounted racks. The WMB-3U minimizes the space required by enabling up to 3U of equipment to be mounted flush to a wall.

3. DESCRIPTION

The WMB-3U is a 19" steel rack that provides 3U of racking space. It may be mounted horizontally or vertically on a backboard.

4. INSTALLATION

The shipping carton for the WMB-3U contains the following:

- One (1) bracket
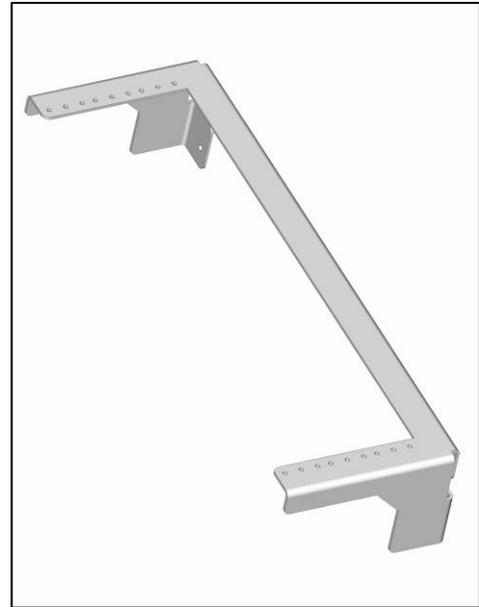- Four (4) #12 x 1" slotted hex screws, self-tapping

Figure 1. WMB-3U Wall Mount Bracket

- Two (2) #10-32 hex nuts (attached)
- Product documentation

Installation steps are described in detail below.

A. Mounting the WMB-3U to a backboard

① Select an appropriate location to install the WMB-3U ensuring adequate area for the equipment to be placed on the rack. Mounting to a 3/4" thick backboard with the included hardware ensures that the combined weight of the WMB-3U and equipment can be supported.

② Determine the desired orientation.

③ Using the WMB-3 as a template or using a tape measure mark two in-line points 18" apart for either horizontal or vertical orientation. Drill two 5/32" pilot holes.

④ Hold the back of the bracket firmly against the mounting surface mating the pilot holes with the locations marked as A in Figure 2. Install two of the included 1" wood screws.

⑤ Drill two additional 5/32" pilot holes at locations marked as B in Figure 2 and install the remaining two 1" wood screws.
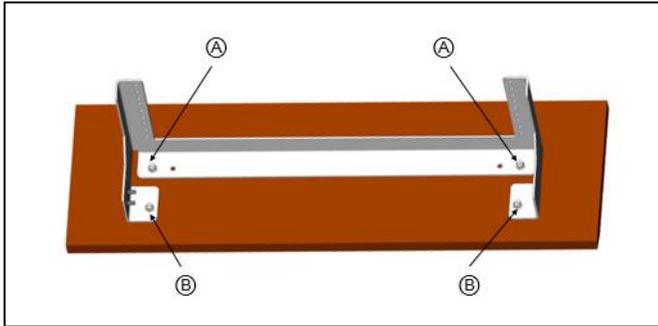

Figure 2. Mounting on backboard

B. Grounding

① Locate the pair of threaded posts for grounding on the WMB-3U (Figure 5). The grounding posts are 10-32 x 3/8" on 5/8" centers.

② Install a dual ground lug (customer provided) with holes on 5/8" centers to the studs and secure with two #10-32 hex nuts provided.

③ Connect a ground wire of appropriate gauge to the ground lug and attach the other end of the wire to a bonded ground point, per local procedures for network equipment.
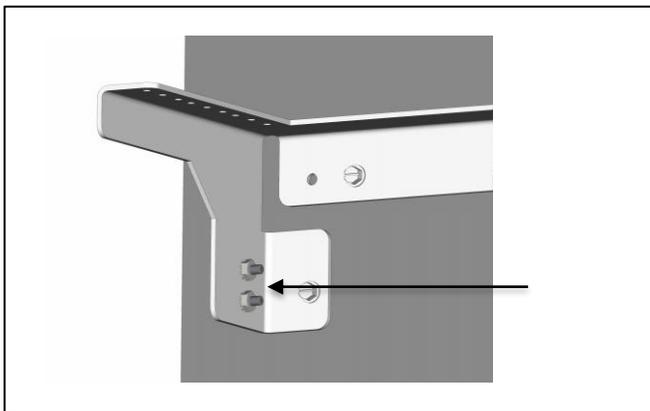

Figure 3. Grounding posts

5. CUSTOMER SERVICE

If technical or customer assistance is required, please contact Enginuity at the following:

Customer Service	1-800-980-3266 sales@enginuitycom.com
Technical Support	1-800-841-1005 support@enginuitycom.com
Enginuity Communications 3545 Stern Avenue St. Charles, Illinois 60174 www.enginuitycom.com	

6. SPECIFICATIONS

WMB-3U	**Size (H x W x D)**	4.0" x 20.2" x 6.7"
	Weight	2.5 pounds
	Capacity	75 pounds