**Pole Installation Using Bolts**

Bolts are used when the pole on which device is installed is from 1 to 3 inches in diameter and can fit between the fore-panel and the back panel as described below.

**To install device on a pole using bolts:**

1. Before reaching the installation site perform the following:  
   a. Put a washer onto a bolt and put the bolt through the fore-panel hole. Fasten it lightly with a nut on the other side of the fore-panel (see Figure 1).  
   b. Repeat step 1a for all four bolts.  

   *Note: Nuts are used to keep bolts vertical to the panel and therefore strong fastening isn’t required.*

   ![Figure 1](image1)

2. Once reaching the installation site, attach the fore-panel to the pole at the desired location.  
3. Attach the back panel to the fore-panel by threading the four bolts through the parallel holes on the back panel. Put a washer and a spring washer onto each bolt and fasten it tightly with a nut (see Figure 3).

   ![Figure 2](image2)

4. Connect grounding:  
   a. Put a bolt through the ring attached to the grounding cable tip.  
   b. Put a washer and a serrated washer onto each bolt and fasten in place on the upper part of the fore-panel (see Figure 4).

   ![Figure 4](image3)
Pole Installation Using a Worm Clamp

If the pole on which the device is to be installed is more than 3 inches in diameter, worm clamps are used instead of bolts. Worm clamps should be used on poles of up to 8 inches in diameter.

To install device on a pole using a worm clamp:

1. Before reaching the installation site, attach the Midspan to the fore-panel and fasten it using four bolts (see Figure 5).

2. Thread two metal worm clamps through the fore-panel holes and fasten them around the pole using bolts (see Figure 6).

3. Connect grounding:
   a. Put a bolt through the ring attached to grounding cable tip.
   b. Put a washer and a serrated washer onto the bolt and fasten it to the upper part of the fore-panel (see Figure 7).

Ordering Information:
- Product Name: KIT: AP7161 POE MOUNT KIT
- Part Number: KT-153143-01

KIT: AP7161 POE MOUNT KIT

Install Guide

For

OUTDOOR IP66 802.3AT GIGABIT ETHERNET POWER INJECTOR 100-240 VAC (P/N: AP-PSBIAS-7161)

Notice

It is Zebra Technologies policy to improve its products as new technology, components, software and firmware become available. Zebra reserves the right to change specifications without prior notice.

Technical Support

If you encounter problems when installing or using this product, please consult the Support Website at: www.zebra.com/support

Unpack the AP7161 POE kit and verify that the following items are included:
- Metal Mounting panel
- 2 x Worm screw clamps
- Screws, nuts and washers kit
- 2 x Omega
- KIT: AP7161 POE MOUNT KIT Install Guide (this guide)