

Document Type: Service Bulletin

Document Number: 765-0010-01

## Service Bulletin: Power over Ethernet (PoE) Installation

### Revision History

Revision	Release Date	Author	Description of Change
0	April 2025	Lexa Bauer	Release

### ***Confidential and Proprietary***

This document contains confidential and proprietary information of Pivotal Commware Inc. Any duplication, reproduction, or transmission of this document or any of its contents to unauthorized parties without the prior written permission of Pivotal Commware Inc. is prohibited.

## 1. Overview

The purpose of this document is to show how to install and wire the Power over Ethernet (PoE) to the Pivot 5G 5620 Donor and Service Units. The applicable Pivot 5G 5620 model numbers are 5620-12-28, 5620-23-28, 5620-12-39, and 5620-23-39.

### 1.1 Requisite Pivotal Item Numbers

PN	Description
890-0042-XX	PoE Converter
890-0025-XX / 890-0032-XX	Pivot 5G 5620 Donor Unit (5620-12-28 or 5620-12-39)
890-0026-XX / 890-0033-XX	Pivot 5G 5620 Service Unit (5620-23-28 or 5620-23-39)
810-0085-XX	MTi Mounting Bracket
460-0162-XX	Bracket to Unit screws
840-0102-XXX	2-foot X-Lok to Octis cable
125-0042-XX	Amphenol RJ-45 connector

## 2. Requirements

### 2.1 Tools

- Socket wrench with the following hex heads:
  - 1/2-inch (for MTi mounting bracket)
  - 3/8-inch (for connecting the Pivot 5G Unit and PoE unit to the mounting bracket))

### 3. Assembly Instructions

#### 3.1 Attaching PoE Units to Pivot 5G

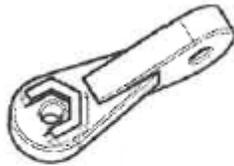
##### 3.1.1. Requirements

Assemble the mounting bracket without attaching the Unit Bracket ([Figure 1](#)) which will be attached to the unit and the Power over Ethernet Converter **OFF THE POLE**. The Wall/Pole Bracket ([Figure 3](#)[Figure 2](#)) and Bracket Arm ([Figure 2](#)) should remain attached to the pole.



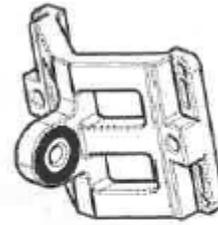
**Item 1**  
Unit Bracket  
Qty: 1

*Figure 1*



**Item 2**  
Bracket Arm  
Qty: 1

*Figure 2*

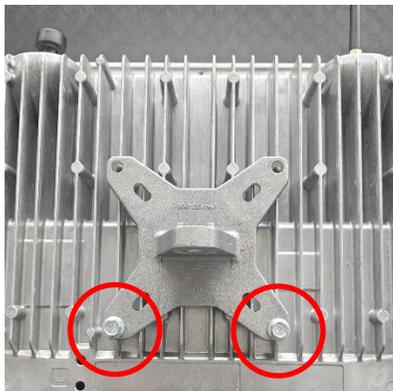


**Item 3**  
Wall/Pole Bracket  
Qty: 1

*Figure 3*

##### 3.1.2. Assembly

- [1] Attach the Unit Bracket of the MTi mounting bracket to each Pivot 5G 5620 unit using **ONLY THE BOTTOM TWO SCREWS** as shown in [Figure 4](#).



*Figure 4: Pivot 5620 Donor Unit with attached MTi mounting bracket*

- [2] Attach the PoE unit with the remaining two screws as shown in [Figure 5](#).

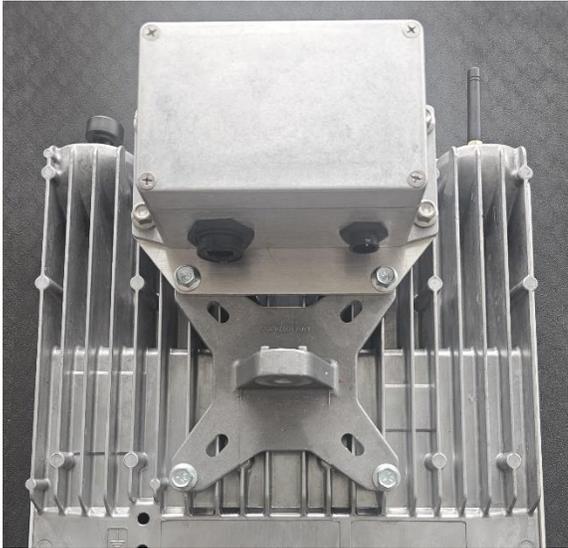


Figure 5

- [3] Line up the arrow on the X-Lok connector on the X-Lok to Octis cable with the triangle on the PoE unit as shown in [Figure 6](#). Slide the cable onto the connector. The X-Lok connector will rotate counterclockwise slightly before snapping into place clockwise as shown in [Figure 7](#).



Figure 6



Figure 7

- [4] Plug the Octis connector into the Octis port on the Pivot 5G unit. Note that the Octis connector has an elevated section by pin 4 that goes on top. See [Figure 8](#).



Figure 8

- [5] Ensure the gate is open and slide the Octis connector all the way into the port as shown in [Figure 9](#).



Figure 9: Octis connector plugged in with gate open

- [6] Make sure the red slide-lock is in the **UNLOCKED** position (down or towards the unit) and slide the black connector into place as shown in [Figure 10](#).



Figure 10

- [7] Lock the connector into place by sliding the red slide-lock away from the unit as shown in [Figure 11](#).

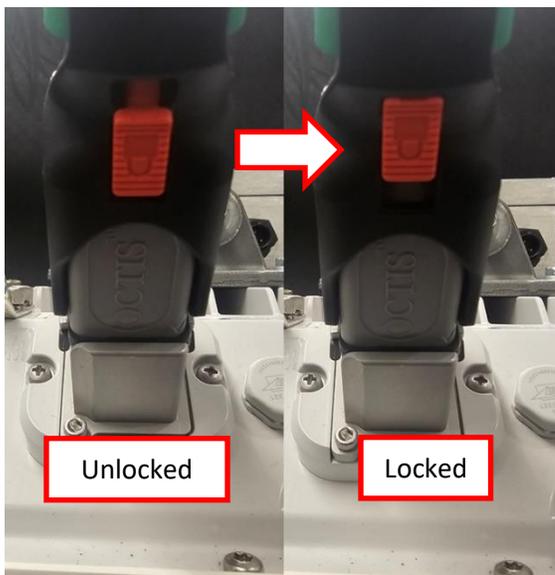


Figure 11

- [8] Repeat Steps 1 to 7 with the Pivot 5G Service Unit. A connected Donor unit is shown in [Figure 12](#).



Figure 12

- [9] Mount the units by connecting the MTi Unit Bracket to the MTi Bracket Arm that has already been installed as shown in [Figure 13](#).

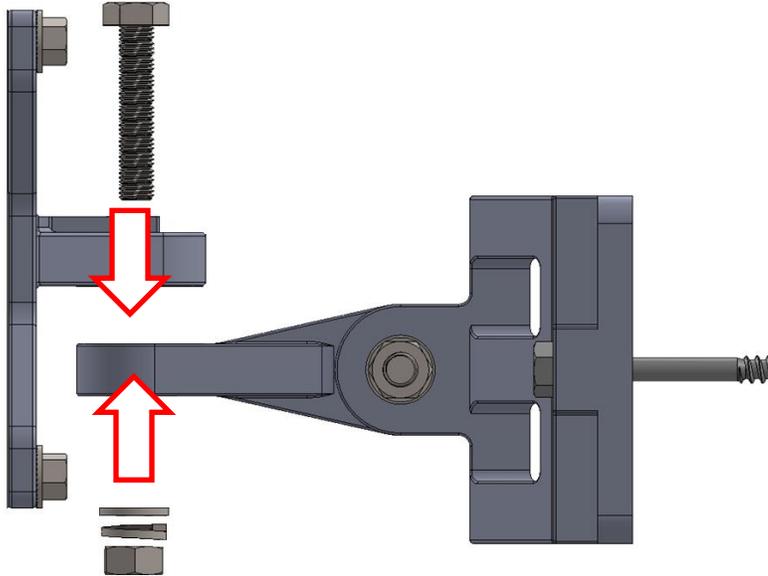


Figure 13

- [10] Slide the ethernet cable into the ethernet port on each PoE unit until the gray rubber of the Amphenol RJ-45 connector is flush with the connector port. Then slide the connector lock towards the unit and tighten as shown in [Figure 14](#).

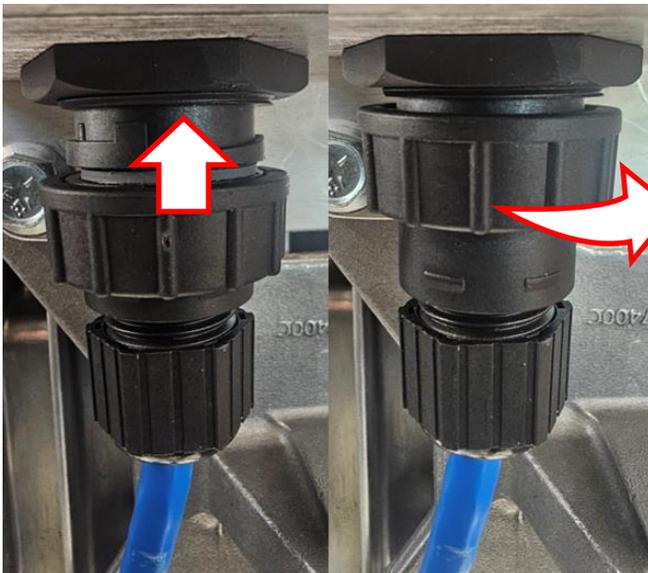


Figure 14