

# Quick Deploy Positioner

The Quick Deploy (QD) positioner supports rapid deployment of broadband connectivity. With the QD, networks can be initially set up and then periodically moved to new locations safely and quickly -- ensuring optimal alignment and link reliability. Immediately after powering up, the system scans the horizon and automatically locks onto the RF signal at the remote end with no human intervention required (typically in less than 3 minutes). The system maintains optimal alignment by periodically confirming the best signal available.

## APPLICATIONS:

- First responders (Public Safety, National Guard, State and Local Government Agencies)
- Tactical Military Deployments
- Oil and Gas Industry for well-head re-locations and turn-arounds
- Service Providers deploying Cell on Wheels for adding LTE and Wi-Fi coverage for temporary event hosting
- Disaster Recovery scenarios for private enterprise networks

## KEY FEATURES:

- Fully integrated solution with positioner, controller and radio co-located on tri-pod or mast
- Compatible with Cambium Networks PTP 700, PTP 650, PTP 450i ODU's and PMP 450i Subscriber Modules
- Upon power-up the system automatically scans, connects and optimizes the broadband connection without human intervention
- Extreme simplicity in configuration using integrated web-based user interface (<http> and <https>)
- Remotely monitor with built-in web interface or optional secure SNMP connection
- Ruggedized mechanics and cabling for harsh environments



## Specifications

| PRODUCT                 |   |
|-------------------------|---|
| Model #                 | C000070L010A  |
| Physical Dimensions     | Positioner Only: 9.12" (H) x 9.37" (W) x 5.25" (D) (23 cm x 24 cm x 13 cm)<br>Positioner w/ PTP650 Integrated: 19.12" (H) x 15" (W) x 8" (D) (48 cm x 38 cm x 20 cm)  |
| Weight                  | 40 lbs. (18 kg)   |
| Environmental           | IP-67   |
| Power (Positioner):     | 100-240VAC to 24VDC supply included in positioner kit; 35W standby; 105W maximum  |
| Power (Control Unit):   | 100-240 VAC 802.3at Power injector included in kit; < 15W   |
| Operating Temp          | -30°C to 55°C (-22°F to 131°F)  |
| Pan/Tilt-Axis Range     | ±217° (±20 Standard Elevation) (Full 360° coverage)   |
| Pan/Tilt-Axis Speed     | 22°/sec max (PAN) 11°/sec max (TILT)  |
| Positioner Materials    | Marine Grade Configuration, Aluminum Housing,<br>316 Stainless Steel Hardware,<br>Permanently Sealed Radial Ball Bearings<br><br>Finish: Polyester Powder Coat, Chemical Conversion<br>Coating (Alodine) for Corrosion Resistance |
| Integrated Control Unit | IP-67 Junction Box (RJ45 & Power Cable Access)  |
| Mounting                | 3" - 4" (7.6 cm x 10.2 cm) Pole Mount: tri-pod or mast NOT included and is supplied by customer   |
| Management              | Web-based interface (HTTP/HTTPS); Optional SNMPv3 remote monitoring   |
| Hardware Support        | One year support included; up to 4 years additional support optional  |

### COMPONENTS INCLUDED IN THE QUICK DEPLOY POSITIONER KIT (MODEL # C000070L010A):

- Quick Deploy Positioner with integrated controller
- Bracket for PTP 650/700/450i
- Pole-mount bracket
- Power supplies
  - AC Power over Ethernet Injector for Controller
  - 24V AC/DC Power Supply for Positioner
- Cables
  - Ethernet Cable (100') with MIL connector
  - MIL-Circular DC Mating Connector
  - DC Power Cable (100')

NOT included in kit: PTP ODU, PTP Power Injector, Tripod/Mast, LPU, ODU drop cable.

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