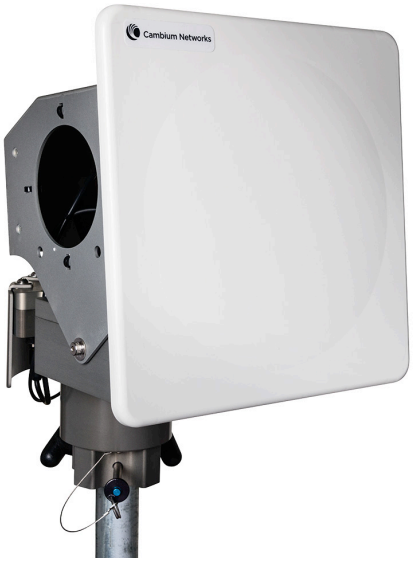
Intelligent Positioner for Nomadic Wireless Broadband

QUICK LOOK:

- **Quick deployment of wireless broadband devices such as PMP/PTP 450i or PTP 670**
- **Aligns/connects to desired Access Point**
- **Ease of use for non-technical users**
- **Easy to physically set up**
- **Positioning complete in less than 7 minutes**

The Intelligent Positioner for Nomadic Wireless Broadband is part of Cambium Networks' Intelligent Positioning Systems portfolio. The Intelligent Positioning Systems portfolio supports rapid deployment of broadband connectivity. Examples include quickly deploying a PMP 450i in the field to support work at a new oil pad location or quickly deploying both ends of a PTP 820E link to establish gigabit per second throughput to a mining location.



With the Intelligent Positioner for Nomadic Wireless Broadband, networks based on PMP/PTP 450i or PTP 670 can be initially set up and then periodically moved to new locations safely and quickly – while continuing to provide optimal radio positioning and link reliability at all locations. The Intelligent Positioner for Nomadic Wireless Broadband scans the horizon and automatically locks onto the RF signal of the intended radio at the remote end with minimal human intervention. Optimal alignment of the radios occurs in minutes.

Intelligent Positioner for Nomadic Broadband

APPLICATIONS

- Oil and Gas Industry for well-head re-locations and turnarounds
- Mining operations for mining re-locations
- First responders
- 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

- Positions antenna to realize maximum signal strength received from remote radio in minutes
- Provides azimuth range of 400° (+-200°) and elevation range of 40° (+-20°)
- Compatible with Cambium Networks PMP/PTP 450i or PTP 670
- Finds specified Access Point when several access points are present
- Simplicity in configuration and achieving optimal position via an integrated web-based user interface (http)
- Remotely monitor with built-in web interface
- Ruggedized mechanics and cabling for harsh environments

Intelligent Positioner Specifications

Model Number	C000000H002A
Physical Dimensions	43 cm H x 22 cm W x 27 cm D (16.72 in x 8.69 in x 10.79 in)
Weight	8 kg (18 lbs)
Power	**Type** Passive Power Over Ethernet **Input Voltage** 48 VDC to 56 VDC 2.5 W to 30 W
Temperature	**Operational** -30°C to 60°C (-22°F to 140°F) **Survival** -40°C to 70°C (-40°F to 158°F)
Positional Travel	**Azimuth** 400° (+/- 200°) **Elevation** 40° (+/-20°)
Positioner Drive Rate	**Azimuth** Up to 4.5° / second with no load **Elevation** Up to 4° / second with no load
Payload	20kg (45lbs)
Positioner Materials	Aluminum with stainless steel hardware / Hard coat anodize
Mounting	Clamps standard to a 5 cm (2in) diameter mast, optional table mount with four holes are in a square mounted 8.53 cm (3.36 in) apart
Management	Web-based interface (HTTP), SNMPv2, SNMPv3
Ethernet	10/100
Serial	RS-485

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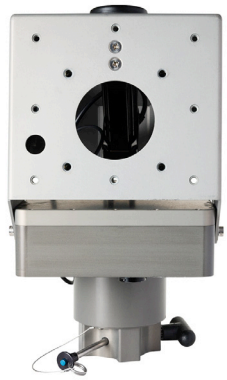
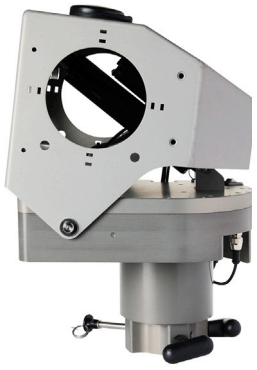
Certifications

CISPR	CISPR 32:2015 AMD1:2019
IEC	IEC 62368-1:2014
CE	EN 62368-1: 2014+A11:2017
	EN 61000-3-2:2014
	EN 61000-3-3:2013
	EN 55035:2017
	EN 50581:2012



ABOUT CAMBIUM NETWORKS

Cambium Networks empowers millions of people with wireless connectivity worldwide. Its wireless portfolio is used by commercial and government network operators as well as broadband service providers to connect people, places and things. With a single network architecture spanning fixed wireless and Wi-Fi, Cambium Networks enables operators to achieve maximum performance with minimal spectrum. End-to-end cloud management transforms networks into dynamic environments that evolve to meet changing needs with minimal physical human intervention. Cambium Networks empowers a growing ecosystem of partners who design and deliver gigabit wireless solutions that just work.

cambiumnetworks.com

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