



# Unrivaled Protection Starts with Unparalleled Connectivity

**THE PTP 700** Tactical Microwave Line-of-Site (MLoS) Connectivity Kit provides long-range wireless broadband connectivity in point-to-point and point-to-multipoint topologies up to 250 km. Proven globally in multiple combat and expeditionary operations, the PTP 700 delivers up to 450 Mbps and is the most spectrally efficient radio with the lowest total cost of ownership (TCO) available on the market today.



**“Cambium Networks’ PTP 700 not only outperforms the competition, but their total cost of ownership is typically half the other guys, with even better reliability and survivability.” - USA**

## The PTP 700 MLoS Connectivity Kit (CK) is:

- The most broadly deployed, battlefield optimized, COTS+ (Commercial-off-the-shelf + MILSPEC), turnkey tactical radio system.
- Currently deployed in support of multiple Federal Agency and Department of Defense Programs of Record (PORs).
- The most highly reliable in the industry, offering agencies maximum value and affordability compared to any other system.
- Simple to install, operate and maintain. It can be quickly deployed by a two-person team in 30 minutes.

*\* No tools required*

## Key Capabilities

- FIPS 140-2/3
- DoD (J/F-12) Spectrum Certified
- Dynamic Spectrum Optimization (DSO)
- Full-time spectrum analyzer
- Simultaneous IPv4 and IPv6
- 1588v2/SyncE
- LPI/LPD Capabilities
- Efficient with low life cycle costs/TCO
- MIL-STD-810H

### Cambium Networks Customers in 150+ Countries:

- Telecommunications Broadband Service Providers
- Wireless Internet Service Providers
- Enterprise Networking System Integrators and VARs
- Defense System Integrators

**“We routinely deploy with numerous radio types to ensure we are prepared to support any mission set. We always include our Cambium Networks radios because we know they will always work, even when the other radios do not.” - USAF**

## Key Capabilities

Tested and proven for battlefield, border, garrison and infrastructure deployments.

### Warfighter

- Tactical Deployable Communications
- Voice, Video and Data Backhaul
- FOB-TOC-TAC-FARP IP backbone
- Extension for 2-Way Radio & SATCOM

### Public Safety

- Critical Communication for Disaster Zones
- First Responder Trunk-Radio Backhaul
- Emergency Communication Infrastructure
- Catastrophic event surge operations

### Federal Agency

- Homeland security
- Border connectivity
- Video Surveillance Networks
- High-Capacity Backhaul

### Humanitarian Assistance

- Refugee Camp Operations
- Biometric Identification Connectivity
- Morale, Welfare, and Recreation (MWR)
- Multi-National Coalition Support

**“We’ve been using the Cambium Networks PTP 700 for years and there is never a question in our minds if the radio will work, even when others do not. The PTP 700 non-line of site capabilities are simply amazing, we have no idea how they close some of the links they do.”** - CBP

## Portable, Toolless, Turnkey Kitted Connectivity

The PTP 700 CK consists of:

**18-meter tactical mast**

**Hardened PoE with routing and switching**

**Auto-align or manual positioners**

**Hardened transport cases**

**Multiple antenna options**

## Key Differentiators

- One Radio, Many Missions
- Ultra-wide frequency band with a continuous 4400–5925 MHz and 7125–8500 MHz combines 12 separate PTP radios into a single platform
- Software-Defined Radio with open system architecture
- Plug and play installation – The PTP 700 CK easily integrates into the network, providing:
  - » Continuous self-diagnostics
  - » Automated fault isolation
  - » Software tools to easily plan small or large networks

### CURRENT CUSTOMERS:



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**Contact Us**

## ABOUT CAMBIUM NETWORKS

Cambium Networks provides mission-critical fixed wireless and Wi-Fi infrastructure solutions globally. Since spinning out of Motorola Solutions in 2011, we have shipped more than 12 million radios to 19,000+ network operators in 150 countries.

Headquartered in Rolling Meadows, Illinois, with 700+ employees and more than 10,000 channel partners around the world, Cambium Networks is dedicated to providing reliable and efficient connectivity.

[cambiumnetworks.com](http://cambiumnetworks.com)

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