

Wireless Video Surveillance



Complete Wireless Solution from Cambium Networks

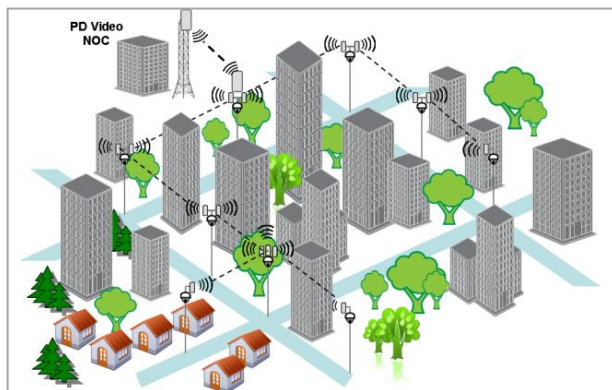
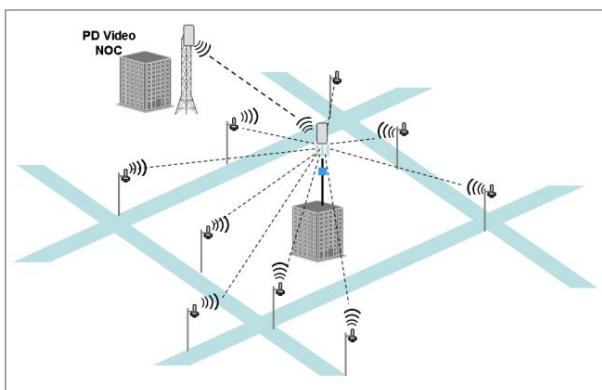
- PTP & PMP, provide both video backhaul and access solutions
- Licensed & Unlicensed, from 2.4 GHz - 38.0 GHz
- LOS, nLOS and NLOS operation with outstanding performance

Highly Reliable, Scalable and Secure Solution

- High reliable video surveillance solution for outdoor, long distance under hostile RF environments, where large video territory needs to be covered for mission critical video surveillance
 - High scalability from small to region wide deployments, easy expansion for large quantity camera deployment.
- Unmatched security and flexibility, Industry standard or proprietary options
 - The only radio solution with FIPS 140-2 validated by NIST
 - Unrivaled capacity and range, which provide the best quality Video capture, storage and analysis
- Consistent throughput and low latency

Easy Planning, Deployment, Operation and Management

- Low-Cost, Low-Complexity, Low-Maintenance Infrastructure
 - Easy and rapid deployment, with remote management and diagnostics
- LINKPlanner – Predict performance before purchase
 - Easy and fast network planning
 - Time-saving, simultaneously multiple links planning with BOM creation
 - Detailed graphical and textual reporting
- Cambium Networks Wireless Manager - Easy Network Management
 - Map-based visualization with embedded Google map
 - Highly scalability, up to 10,000 nodes as well as support distributed server architecture
 - Manage complete network, including all PTP, PMP and other SNMP enabled devices.
 - Advanced configuration, provisioning, alerting and reporting features





PRODUCT SPECIFICATIONS

FEATURE	PMP400	PMP 450	PTP 600	PTP 800
Type	Point To Multipoint		Point to Point	
RF Bands (GHz)	4.9	2.4, 5.4 - 5.8	2,5 , 4.5, 4.8, 4.9, 5.4, 5.8, 5.9	6 - 38
Max. Throughput Aggregate	20 Mbps/sector	90 Mb/sector	300 Mbps	368 Mbps (full duplex)
Channel Access	Scheduled TDD – Deterministic and Scalable regardless of load		N/A	N/A
Latency	5 ms	5 ms	2 ms	0.1 ms
Support of NLOS and nLOS	Excellent	Excellent	Excellent	N/A
GPS Synchronization	Yes	Yes	Yes	N/A
Security	DES, 128-bit AES	DES, 128-bit AES	128/256-bit AES, FIPS 140-2	128/256-bit AES, FIPS 140-2
Max. LOS Range	15 mi / 24 km	5 mi / 8 km 30 mi / 48 km ^[1]	124 mi / 200 km	124 mi / 200 km

[1] Extended Ranges may require LENS or a Reflector Dish

About Cambium Networks

Cambium Networks provides world-class wireless broadband and microwave solutions for military, government, municipal and enterprise customers around the world. It currently has more than 3.2 million products deployed in thousands of networks in over 150 countries, with its breakthrough technologies providing reliable, secure, cost-effective connectivity that's easy to deploy and proven to deliver outstanding metrics. Cambium's ecosystem of partners, development engineers, and support teams work together to design and deliver innovative, forward-looking solutions that provide data, voice and video connectivity when and where it's needed.

