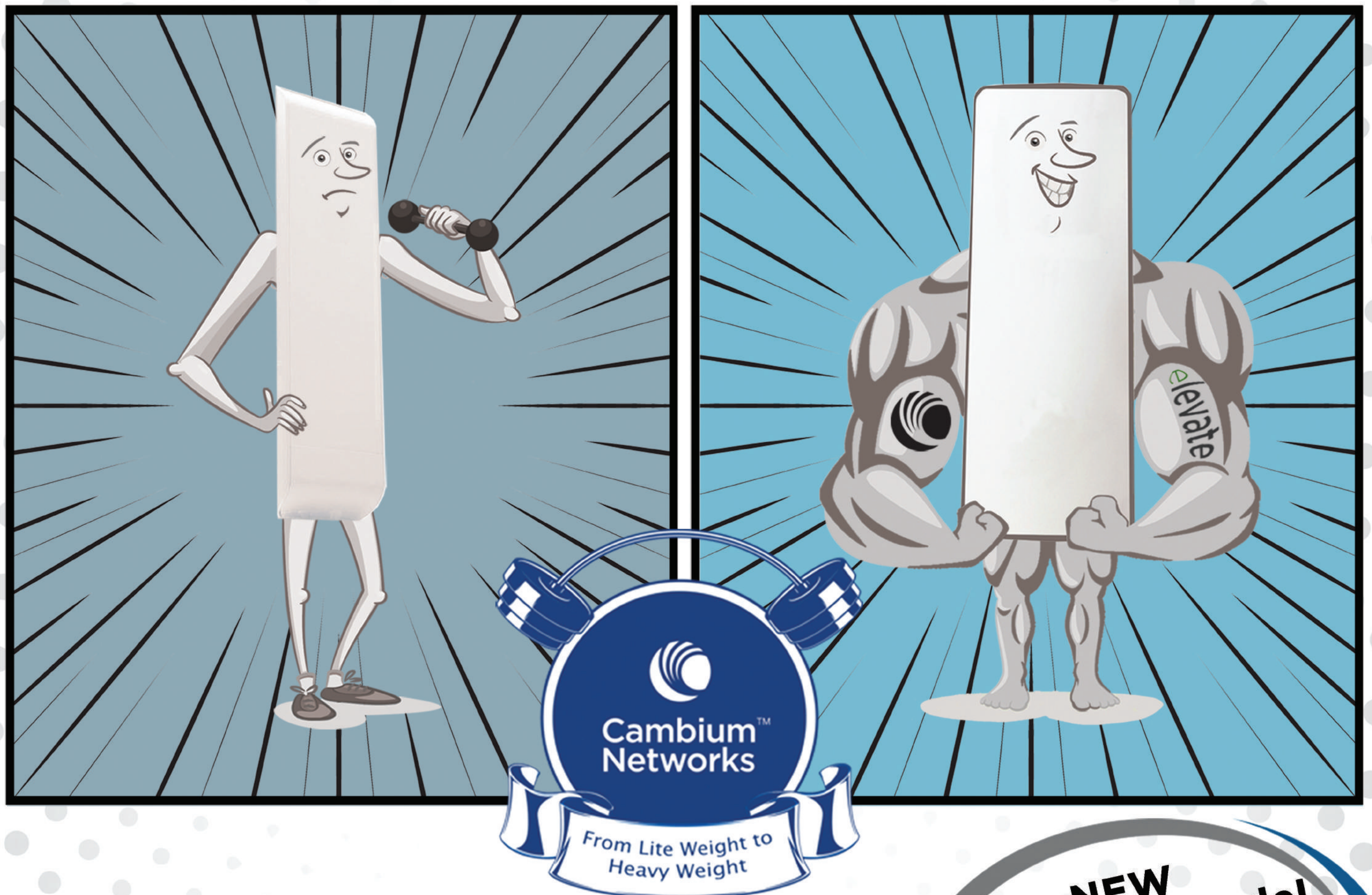


FROM LITE WEIGHT TO HEAVY WEIGHT



ePMP | elevate

NEW
supported model
PowerBeam M5 400 ISO
Mikrotik SXT5 Lite
Bullet M2 and M5
LiteBeam M5

Don't replace your hardware.

Transform your network

ePMP Elevate software solution allows fixed wireless broadband networks to gain the powerful signature capabilities of Cambium Networks' ePMP platform, including frequency reuse enabled by GPS Synchronization and Smart Beamforming, even on non-Cambium 802.11n-based hardware.

Protected investment

With the upgraded features of ePMP Elevate, the life of existing infrastructure is dramatically extended to support revenue-generating applications for years to come.

Elevate it.

The next level of network migration

Saving the cost and time of a total network replacement, an operator simply installs an ePMP Access Point and loads ePMP Elevate software onto their deployed subscriber modules.

Streamlined operations

ePMP Elevate networks can be managed by cn-Maestro™, the cloud-based or on-premise platform that provides end-to-end management, device onboarding, and maintenance support for wireless broadband networks from a single, easy-to-use interface.

Part number	C050900S501A	ePMP Elevate: 1 Subscriber License
Part number	C050900S510A	ePMP Elevate: 10 Subscriber License
SPECTRUM		
Channel Spacing	Configurable on 5 MHz increments	
Frequency Range	5150 – 5970 MHz (exact frequencies as allowed by local regulations and underlying hardware)	
Channel Width	5 10 20 40 MHz	
INTERFACE		
MAC (Media Access Control) Layer	Cambium Proprietary and optionally standard 802.11n	
Protocols Used	IPv4, UDP, TCP, IP, ICMP, SNMPv2c, HTTPs, STP, SSH, IGMP Snooping, LLDP, DHCP, RADIUS, NTP	
Network Management	HTTPs, SNMPv2c, SSH, Cambium Networks cnMaestro™	
VLAN	802.1Q with 802.1p priority	
PERFORMANCE		
Subscribers per Sector	Up to 120	
ARQ	Yes	
Modulation Levels (Adaptive)	MCS0 (BPSK) to MCS15 (64QAM 5/6)	
GPS Synchronization	Yes, via Internal GPS or CMM4 with 56 V and 5 pin to 7 pin cross over cable adapter	
Quality of Service	Three level priority (Voice, High, Low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, Broadcast, Multicast and Station Priority	
SECURITY		
Encryption	128 bit AES (CCMP mode)	
COMPATIBILITY		
ePMP AP Models	ePMP 2000 Full and ePMP 1000 Full 5 GHz Access Points (Lite models not supported)	
ePMP AP Frequencies	5 GHz (2.4 GHz support planned for Q2 2017)	
Loco M5 WX	Available	
Loco M5 XM	Available	
NanoStation M5 XW	Available	
NanoStation M5 XM	Available	
NanoBridge M5 XM	Available	
Rocket M5 XM	Available	
Rocket M5 XW	Available	
PowerBeam M5 XW	Available	
airGrid M5HP XW	Available	
airGrid M5 XM	Available	
NanoBeam M5 XW	Available	
Bullet M2 (0XE202) and M5 (0xe205)	Available	
PowerBeam M5 400 ISO (0xe6e5)	Available	
LiteBeam M5 (0xe865)	Available	
Mikrotik SXT5 Lite	Available	

SPECIFICATION

SUPPORTED MODEL LIST

ePMP | elevate

