



超强的户外点对多点CPE工作频段在5.900 - 6.425 GHz。

Tsunami® Multipoint 826 CPE是大规模无线部署理想的解决方案，为规划无线宽带最后一英里接入部署的WISP提供了极具价值的提案。该产品专为6.4 GHz频段设计，旨在与MP8620系列产品完全兼容。

MP-826-CPE可在高达295 km/h (185 mph) 的速度上实现透明漫游，用于移动应用，例如在火车、有轨电车和公共汽车上提供互联网接入或视频监控。

价值高，使用寿命长

高可靠性，免许可证频段和与过去、现在和未来的Proxim基站型号兼容集于一体，确保其较长的使用寿命和良好的投资回报。

- Tsunami® MP-826-CPE专为恶劣环境而设计，完全符合IP67防护等级，可在大风、高盐和高温环境中提供多年可靠的服务

灵活、快速和安全

- 旨在在网络边缘提供50 Mbps的数据处理量。
- 提供灵活的信道规划，支持5.900至6.425 GHz
- 配备2x2 MIMO高功率无线电，发射功率为25 dBm
- 通过AES-128高级加密保护无线传输
- 使用Proxim的无线室外路由协议 (WORP®) 来防止窥探
- 无线电相互认证消除了恶意用户单元对系统的未授权使用和中间人的攻击

一体化的CPE和网关

- 用于桥接，路由和网关功能的内置网络协议
- MAC，以太网类型，IP地址包过滤提供精细的网络安全性
- 通过SSL，SSH和SNMPv3实现高度安全的远程管理

安装方便

- 随时可以安装一个完整的“自带杆”安装套件：其中包括基本的杆式安装和接地套件，连接器风雨套件和馈电器
- 高级正交频分复用技术 (OFDM) 提供的非视距功能以及2x2 MIMO可轻松部署在一些具有挑战性的领域
- 部署工具包括频谱分析仪，天线对准和远程管理配置
- 15 dBi集成天线
- 连接所有现有的Tsunami® 8260系列基站

实现技术

Proxim WORP®

-结合网络访问控制、数据调度排队、高级QoS和加密，以确保高效和安全的数据传输。

Proxim ClearConnect™

一套确保在高密度无线部署中进行稳定和可靠通信的干扰缓解技术。

Proxim FastConnect™

移动技术在固定基站和移动车辆之间提供快速切换，以确保不间断的宽带接入，支持速度达到295公里/小时 (185英里/小时)

关于Proxim Wireless

Proxim Wireless是全球先进的Wi-Fi、点对点、点对多点户外无线系统的先驱和领头羊，该系统用于建立关键任务和高可用性通信。

Proxim公司拥有超过30年的无线电方面的经验，以其无与伦比的可靠性，卓越的性能和创新动力而闻名。

规格

PRODUCT MODELS					
MP-826-CPE-50	Tsunami® MP 826 Customer Premise Equipment , 50 Mbps, MIMO 2x2, 15 dBi integrated antenna				
INTERFACES					
WIRED ETHERNET WIRELESS PROTOCOL	One auto MDI-X RJ45 10/100Mbps Ethernet with PoE in WORP® (Wireless Outdoor Router Protocol)				
RADIO & TX SPECS					
MIMO MODULATION OPERATING FREQUENCY CHANNEL SIZE DATA RATE TX POWER TX POWER CONTROL	2x2 MIMO OFDM with BPSK, QPSK, QAM16, QAM64 5.900 – 6.425 GHz (Subject to Country Regulations) 40 MHz, 20 MHz, 10 MHz, 5 MHz channel bandwidths MCS 0 to 15 for High Throughput mode (6.5 – 300 Mbps) with Dynamic Data Rate Selection Up to 25 dBm (dual chain) 0 – 20 dB, in 0.5 dB steps. Automatic TPC with configurable EIRP limit				
	Channel Size	40 MHZ	20 MHZ	10 MHZ	5 MHZ
RX SENSITIVITY (Per=10%)	MCS 0	-90dBm	-93dBm	-97dBm	-100dBm
	MCS 7	-70dBm	-73dBm	-75dBm	-78dBm
	MCS 8	-88dBm	-91dBm	-94dBm	-96dBm
	MCS 15	-66dBm	-69dBm	-71dBm	-74dBm
THROUGHPUT	Up to 50 Mbps				
OTHER	Dynamic Channel Selection (DCS) based on interference detection Automatic Transmit Power Control (ATPC) with EIRP limit support				
ANTENNA					
	Integrated 15 dBi dual Polarized (H+V) panel antenna				
MANAGEMENT					
REMOTE SNMP OTHER	Telnet and SSH, Web GUI and SSL, TFTP, SNMPv3 SNMP v1-v2c-v3, RFC-1213, RFC-1215, RFC-2790, RFC-2571, RFC-3412, RFC-3414, Private MIB Syslog, sFlow™ agent, SNMP and local time, Spectrum analyzer				
SECURITY					
ENCRYPTION AUTHENTICATION	AES-CCM 128 bits Internal MAC Address Control List, Radius based Authentication (with VLAN and QoS provisioning)				
QoS					
Asymmetric Bandwidth Control	UL and DL CIR Control "committed information rate" per service flow				
Packet Classification Capabilities	UL and DL MIR Control "maximum information rate" per service flow 802.1D/802.1Q/802.1p priority, IPTOS, VLAN ID, IP source/destination address, source/destination port, Ethernet source/destination address, IP protocol, and Ethertype				
Scheduling	Best Effort, Real Time Polling Services				
NETWORK					
MODES IP STACK GATEWAY FEATURES VLAN	Bridging, Routing (RIP v2 and IP tunneling) IPv4 and IPv6 simultaneously DHCP Server & relay, NAT with Std ALGs, PPPoE end point with Proxy DNS 802.1Q: Management VLAN. Transparent, Access, Trunk and Mixed mode. QinQ double tagging				
POWER CONSUMPTION					
	6 Watt typical (15 Watt max)				
ENVIRONMENTAL SPECS	OPERATING TEMPERATURE	STORAGE TEMPERATURE	HUMIDITY - Water & Dust Proof	WIND LOADING	
	-40° to 55°C (-40° to 131° Fahrenheit)	-55° to 70°C (-67° to 158° Fahrenheit)	Max 100% relative humidity (non-condensing) - IP67	180 km/h (112 mph)	
PHYSICAL SPECS	DIMENSIONS PACKAGED	DIMENSIONS UNPACKAGED	WEIGHT (PACKAGED)	WEIGHT (UNPACKAGED)	
	13.97 x 8.86 x 3.46 in (355 x 225 x 88 mm)	4.96 x 8.62 x 2.58 in (126 x 219 x 65.5 mm)	4.9 lbs (2.225 Kg)	2.1 lbs (0.950 kg)	
SAFETY STANDARDS					
	UL 60950-1/22				

PACKAGE CONTENTS	
	<ul style="list-style-type: none">• One Tsunami® MP-826-CPE with integrated antenna• One 20 W power injector and country specific power cord• One basic Pole mounting kit• One Connector weatherproofing kit (Includes all recommended weatherproofing material)• One Grounding kit• One Quick Installation Guide
MTBF & WARRANTY	
	MTBF over 200,000 hours & 2-year warranty with ServPak Extended Support available