

NOW AVAILABLE! – TSUNAMI™ MP.11 HS AVAILABLE AT 5 GHz, 2.4 GHz and 1.8 GHz!

Proxim's industry-leading, Tsunami MP.11 product portfolio will expand to include high security, FIPS 140-2 compliant outdoor and indoor, point to multipoint products for the 5 GHz, 2.4 GHz, and 1.8 GHz frequency bands.

Key Features:

- Rich security features
 - FIPS 140-2 Level 2 provides US Federal Governmental Standard for Cryptographic Security (certification in process)
 - Advanced encryption with AES-256 (FIPS 197) protects over-the-air transmission
 - Wireless Outdoor Routing Protocol (WORP) optimizes performance by eliminating in-the-air collisions
 - Secure Management with SSH, SSL, HTTPS, and SNMPv3
- Leverages the dependable Tsunami MP.11 product line with tens of thousands of units deployed
- Unprecedented ease-of-installation, management and maintenance. High integration within the radio allows a FIPS-secure wireless link to be installed in hours with little or no training or wireless experience
- Support for 5, 10, and 20 MHz bandwidth channels
- WiMAX QoS provides higher level of prioritization with as many as eight service flows per class, which exceeds available products based upon 802.11 schemes
- Roaming with seamless handoffs at speeds up to 200 km/hour
- Orthogonal Frequency Division Multiplexing (OFDM) enhances near-line-of-sight performance, improving deployment in challenging areas
- Operational flexibility with Granular TX and power control

Available Models:

PRODUCT ID	TSUNAMI MP.11 HS. OPERATES ON 1.8, 2.4 OR 5 GHZ.
245054-BSU-R	Tsunami MP.11 HS Ruggedized Base Station with POE
245054-SU-R	Tsunami MP.11 HS Ruggedized Subscriber Station with POE
245054-BSU-S	Tsunami MP.11 HS Base Station 12 VDC
245054-SU-S	Tsunami MP.11 HS Subscriber Station 12 VDC
1854-K00-US	Tsunami MP.11 HS Base Station, Rack Enclosure, Single Radio, 12 VDC
1854-K01-US	Tsunami MP.11 HS Base Station, Rack Enclosure, Dual Radio, 12 VDC
1854-K02-US	Tsunami MP.11 HS Base Station, Rack Enclosure, Single Radio with Antenna Diversity 12 VDC
1854-K03-US	Tsunami MP.11 HS Base Station, Rack Enclosure, Dual Radio with Antenna Diversity 12 VDC
1854-K04-US	Tsunami MP.11 HS Mobile Kit; Kit contains: 245054-SU-S (1), 2418-CA (1)
PRODUCT ID	TSUNAMI MP.11 HS ACCESSORIES
2418-CA-KIT	1.8 GHz Amplifier Kit with mounting hardware, DC injector and 110-220 VAC PSU
2418-CA	1.8 GHz Amplifier Kit with mounting hardware only (For use with Rack Enclosures)
2418-CA-I	1.8 GHz Amplifier (For use with Mobile version)
PRODUCT ID	TSUNAMI MP.11 HS POINT-TO-POINT PRODUCTS
245054-QB	Tsunami QuickBridge GB.11 HS high security point-to-point

Preliminary Specifications:

RADIO & TRANSMISSION	2.4 GHZ	5 GHZ	1.8 GHZ
FREQUENCY BANDS	2.4 - 2.5 GHz	4.9 - 5.95 GHz	1.75 - 1.85 GHz
MODULATION	OFDM	OFDM	OFDM
OUTPUT POWER	Up to 16dBm	Up to 16dBm	Up to 35 dBm
OUTPUT POWER CONTROL	0-18 dB in 1 dB steps		
RECEIVE SENSITIVITY	-71dBm	-66dBm	-71dBm
DATA RATE	54 Mbps	54 Mbps	54 Mbps
ENVIRONMENTAL			
TEMPERATURE	-30° C to + 60° C. (Operating); -55° C to + 80° C. (Storage)		
ELECTRICAL			
INPUT POWER SUPPLY	Small Indoor/Mobile Version: 11 to 15 VDC, Ruggedized Outdoor Version: POE via RJ-45		
POWER OVER ETHERNET	Via RJ-45 Ethernet interface port		



Tsunami MP.11 HS
Product Family

Applications:

• Highly Secure Video Surveillance –

- Appropriately secure for use in national security against intrusion and acts of violence along borders, within cities, and along transportation infrastructure such as airports, bridges, and trains

- Provides high throughput for bandwidth-intensive, high-definition video

- Mobile vehicle solution to aid law enforcement with real-time viewing

• Highly Secure Data Exchange –

- Meets the government FIPS requirements, enabling use by a large range of agencies that require the highest security

- Provides appropriate data security for financial transactions and medical information privacy

• High Up-Time and Throughput –

- Utilizing the 1.8 GHz governmental or unlicensed spectrum provides the maximum flexibility and security

- Field-proven dependability with exceptional throughput

• VoIP –

- Secure VoIP with QoS prioritization enables high-speed mobile or static voice communications

Please contact your regional sales representative for additional information

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