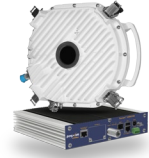


At-a-Glance

Point-to-Point product portfolio



Product	Tsunami® QB-8100, 8150 (50/12Mbps)	Tsunami® GX800	Tsunami® QuickBridge.11 Series	Tsunami®.GX Series	Lynx®.GX Series
Description	Next generation, economical wireless connectivity for large scale deployments	Tsunami® GX800 is a high speed Point-to-Point (PtP) licensed microwave product capable of operating with more than 600Mbps aggregate throughput capacity	Tsunami® QuickBridge.11 is a cost effective solution for large scale wireless deployments	Carrier-class IP Ethernet bridge for voice and data backhaul	Cellular voice and data backhaul
Applications	<ul style="list-style-type: none"> • 300,50/12 Mbps wireless backhaul link for video, cellular voice and data networks • Repeater to extend distance or overcome path blockage • Inter-POP redundancy 	<ul style="list-style-type: none"> • Remote Point of Presence for ISP's • Enterprise LAN and building-to-building networks • Backhaul for Internet service provider networks 	<ul style="list-style-type: none"> • Video, Voice and Data networks • Broadband last-mile connectivity for metropolitan and rural areas • WISPS, wireless video surveillance • Enterprise, Campus networking 	<ul style="list-style-type: none"> • Enterprise LAN and building-to-building network extensions • Backhaul for municipal broadband and service provider networks • ISP remote POP 	<ul style="list-style-type: none"> • PBX campus extension • High-capacity voice network redundancy
Environment	<ul style="list-style-type: none"> • Carrier & WISP networks • Government and public safety networks • Video Surveillance networks 	<ul style="list-style-type: none"> • Wireless ISP's and Carrier Backhaul • Enterprise networks • Municipal broadband networks 	<ul style="list-style-type: none"> • Video Surveillance networks • WISPS and Carriers backhaul • Government and public safety networks 	<ul style="list-style-type: none"> • Enterprise networks • Service provider networks • Municipal broadband networks 	<ul style="list-style-type: none"> • Cellular service providers • Enterprise circuit-switched networks
Key Features	<ul style="list-style-type: none"> • Widest range of operating frequencies • Supports 2x2,3x3(8100) MIMO smart antenna technology which significantly improves link performance • Dual Gigabit Ethernet ports with PoE out to power other external devices like surveillance cameras • Complete "hop-in-a-box" ensures easy installation and quick return on investment • 128-bit AES encryption 	<ul style="list-style-type: none"> • 6-38 GHz Frequency band support • Wide band support from 7-56MHz RF Channel Bandwidths • Supports QPSK/16QAM/32QAM/64QAM/128QAM/256QAM modulation schemes • High Tx Power radio- 27dBm • Low noise figure, low phase noise and high linearity • Very high frequency stability +/- 5 ppm 	<ul style="list-style-type: none"> • License free operation • Cost Effective • OFDM • Up to 128-bit AES encryption • Complete "hop-in-a-box" ensures easy installation and quick return on investment 	<ul style="list-style-type: none"> • High-capacity, license-free and cost effective • Guaranteed capacity from 16 Mbps to 102 Mbps full duplex • Carrier-class reliability: 99.999% • Indoor-only or indoor/outdoor installation options provide deployment flexibility 	<ul style="list-style-type: none"> • High-capacity, license-free, cost effective connectivity in a variety of telecommunications interfaces • Carrier-class reliability: 99.999% • Indoor-only or indoor/outdoor installation options provide deployment flexibility
SPECIFICATIONS					
Frequency Band	<ul style="list-style-type: none"> • 2.3 to 2.5 GHz • 4.9 GHz, 5 GHz • 6.1 GHz • 5.3 to 6.1 GHz (8150) 	• 6-38 GHz	• 5 to 6.1 GHz	• 5.725 - 5.850 GHz	• 5.725 - 5.850 GHz
Duplex Method	• TDD	• FDD	• TDD	• FDD	• FDD
Aggregate throughput	• 218,50/12Mbps	• 622Mbps	• 29 Mbps	• 32 - 216 Mbps	• 12 - 50 Mbps
QoS	• 802.16d QoS (WiMAX)	• 802.16p QoS	• 802.16d QoS (WiMAX)	• 802.16p QoS	• 802.16p QoS
Form Factors	<ul style="list-style-type: none"> • ODU, Three N-type Antennas Connectors or Integrated 23dBi dual polarity antenna • ODU, Integrated 16dBi dual polarity antenna (8150) 	<ul style="list-style-type: none"> • ODU features standard direct 'slip fit' mounting • IDU: Compact and lightweight design, the smallest IDU in its class 	• ODU, Integrated 23dBi antenna	<ul style="list-style-type: none"> • RFU: indoor or outdoor • IDU: rack mounted 	<ul style="list-style-type: none"> • RFU: indoor or outdoor • IDU: rack mounted (T1: DSX1/RJ-45, E1: BNC)