



SWITCHNET SYSTEMS

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WaveMax

Long Range, High Performance Wireless Bridging

WaveMax from WaveSight, is a high performance, flexible point to (multi-) point outdoor wireless bridging solution. Eliminate the cost, delays and disruption of deploying fibre optic or leased lines by deploying a feature rich, flexible and robust Wireless Bridge solution. With a range of up to 40Km and a bandwidth of up to 108Mbps in Turbo mode WaveMax is fully equipped for the most demanding scenarios.

The advanced OFDM radio and WaveSights unique packet compression and bursting technology ensures maximum throughput is achieved, and maintained for a wide variety of deployment scenarios.

Deployment Scenarios

- * Community and Residential Wireless Broadband
- * Wireless Internet Access
- * Hotspots (Fixed & Mobile)
- * "Last Mile" Access



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- * Enterprise Network Expansion
 - * Building to Building
 - * Campus Networks

- * Wireless CCTV Transmissions
- * Voice over IP
- * and many more...

Key Features

- * Range up to 40Km
- * Dual Radio capability
- * 2.4Ghz and 5Gz frequency support
- * Simultaneous Access Point and Bridging mode
- * Up to 54Mbps (2.4Ghz) or 108 Mbps Turbo Mode (5Ghz)
- * SNMP Compliant for easy remote management
- * Full Security Suite, including AES128, WEP154, TKIP and SPG1 - WaveSights unique packet compression and burst technology
- * Bridg, AP and Client modes
- * Quality of Service tagging supported (802.11e)
- * Power over Ethernet - 802.3af compliant
- * IP67+ design for external use