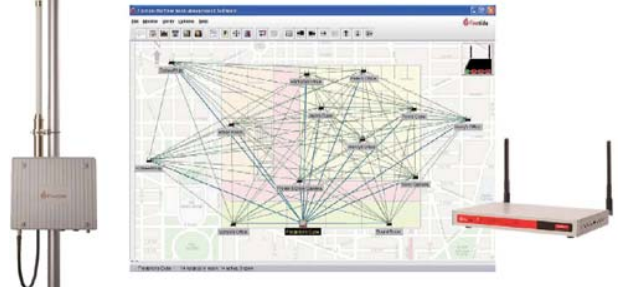


HotPort™ 3000 High Performance Mesh Network

The FireTide HotPort High Performance Mesh Network provides a high capacity, self-healing wireless mesh backbone for outdoor and indoor networks. Designed for maximum performance, scalability, and ease of use, the HotPort mesh network works seamlessly between indoor and outdoor environments and can operate in 2.4 GHz or 5 GHz spectrums. A HotPort/PS (Public Safety) series is also available for the licensed 4.9 GHz spectrum in the United States. The proven HotPort system enables multiple network services and standard Ethernet devices to operate on the wireless backbone creating secure and reliable wireless networks for video, voice and data. The HotPort family includes advanced security, VLAN capability, traffic prioritization and remote management.

- Overcomes impractical/impossible wiring scenarios enabling ubiquitous Ethernet connectivity
- Provides a secure, self-healing wireless broadband network that can scale up to 1,000 mesh nodes
- High performance for simultaneous video, voice and data communications
- Easy and flexible implementation and operation



HotPort 3100 Indoor Mesh Series

HotPort 3100 series indoor mesh nodes connect wirelessly to other HotPort nodes to form a high performance wireless mesh network for video, voice and data. These plenum-rated units feature a dual spectrum radio than can operate at 2.4 GHz or 5 GHz, a built-in four port 10/100 Ethernet switch, and two dual spectrum omni-directional antennas.

HotPort 3200 Outdoor Mesh Series

HotPort 3200 series outdoor mesh nodes have weatherproof enclosures and designed for rugged environments. Outdoor HotPort units have dual spectrum radios operating at 2.4 GHz or 5 GHz, two 10/100 Ethernet ports supporting 802.3af Power over Ethernet, and a flexible mounting system. These units are certified for use with a variety of high-gain antennas.

HotPort 4.9 GHz Public Safety Mesh Network

As the leader in commercial wireless mesh networking for businesses and service providers, FireTide offers a 4.9 GHz public safety (PS) version of its popular indoor-outdoor HotPort High Performance Mesh Network. In the U.S., the 4.940 to 4.990 GHz spectrum has been allocated for exclusive use by public safety agencies, as well as by public or public organizations with a responsibility to provide safety services.



HotView™ and HotView™ Pro Mesh Management Software

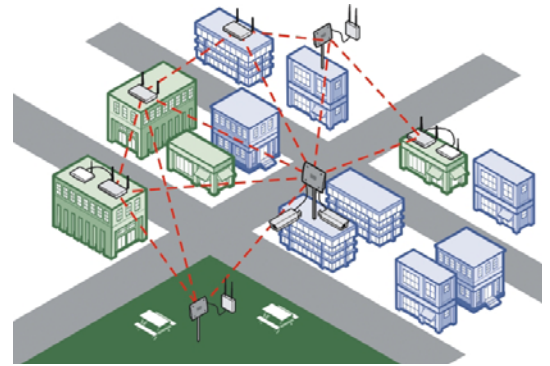
Each HotPort mesh node includes FireTide's HotView management software for basic mesh configuration, monitoring and management. The optional HotView Pro mesh management software provides additional control for multiple mesh networks and larger mesh environments such as enterprise, metropolitan, and campus networks. The MeshBridge™ feature allows multiple mesh networks on different radio spectrums and channels to form a single LAN or WAN environment with up to 1,000 mesh nodes.

Applications

- **Wi-Fi HotSpots and HotZones** - You can easily locate access points anywhere for total coverage or spot coverage, eliminating typical line-of-sight issues. This enables you to provide high-speed connectivity for any Ethernet device without running miles of cable. For this reason, the HotPort wireless mesh provides a cost-effective and scalable indoor/outdoor backbone solution for HotZones spanning large facilities and campus environments, as well as HotRegions spanning entire metropolitan or rural areas.
- **Security and surveillance** - A FireTide mesh network is ideal for enhancing safety and premises surveillance. Surveillance cameras can be installed where needed and real-time feeds delivered to a central monitoring area over the FireTide network.
- **Temporary networks** - FireTide's mesh network flexibility enables you to quickly create a temporary network, move it, or extend it. The instantaneous, self-configuring nature of the HotPort wireless mesh solution is, therefore, ideal for any such temporary situation that requires a network, such as disaster relief sites, conferences, construction sites, concerts, or sporting events, etc.
- **Voice over IP** - High throughput with low latency and traffic prioritization allow the HotPort wireless mesh to deliver the kind of quality of service needed for enterprise-class VoIP and VoWLAN applications.
- **Mobility** - FireTide's state-of-the-art AutoMesh™ technology extends this freedom to move about the network itself. Indeed, its self-organizing and advanced management capabilities permit mesh-wide mobility in real-time. Try doing *that* with wires!

Market Opportunities

- **Hospitality** - HotPort wireless mesh networks are widely deployed in hotels, resorts, airports, bus and train terminals, convention centers, shopping malls, cruise ships, RV parks, truck stops, marinas, and other public venues.
- **Municipalities** - Flexible power options, traffic segmentation and prioritization, robust security, incremental scalability and powerful management capabilities make HotPort ideally suited for a variety of applications in any community-wide network.
- **Public Safety** - A jurisdictional HotPort public safety mesh network can provide broadband communications for both intra-agency and interoperable multi-agency needs, including mutual aid among local/state police, SWAT, National Guard, fire, EMS, hospitals, mass transit, utilities and others.
- **Education** - Whether serving a single university campus or an entire school district, its many cost-saving advantages make the HotPort wireless mesh ideal for the education market in grades K-12 and beyond.
- **Warehousing and Industrial** - Because large, open facilities are difficult to wire, the wireless mesh is gaining ground in manufacturing plants, distribution centers, warehouses, storage yards, truck terminals, sea ports and similar sites.
- **Healthcare** - In addition to backhauling Wi-Fi access points serving doctors and nurses with voice, video and data communications, a wireless mesh can also be used to provide "portable Ethernet" access to medical equipment.



Key Selling Points

The HotPort High Performance Wireless Mesh leads the industry with three key selling advantages:

- **High, Scalable Performance** – With up to 25Mbps raw throughput, a dual-spectrum radio with transmit power control, dynamic frequency selection, a bandwidth boost from multiple concurrent traffic flows, and quality of service for voice/video/data applications combine to give HotPort the best price/performance available.
- **Ease of Deployment and Management** – The intuitive HotView Mesh Management Software, combined with the HotPort's self-configuring and self-healing capabilities make a HotPort mesh network very easy to install, tune, upgrade and otherwise manage—which all help yield a very low total cost of ownership. This affords rapid deployment with minimal disruption to the customer's network or business.
- **Secure and Reliable Operation** – Strong traffic encryption, packet filtering, support for VLANs, the robust Firetide AutoMesh routing protocol and rugged construction give a HotPort mesh network mission-critical dependability and security.

HotPort 3000 Products

Firetide is the only mesh networking equipment provider to offer 2.4, 5 and 4.9 GHz mesh products for both indoor and outdoor environments. The HotPort 3000 series offers unparalleled high-bandwidth mesh performance for delivering a variety of Ethernet services.

	HotPort 3101	HotPort 3103	HotPort 3203	HotPort 3100/PS*	HotPort 3200/PS*
Operating environment	Indoor	Indoor	Outdoor	Indoor	Outdoor
Radio Spectrum	2.4 or 5 GHz	2.4 or 5 GHz	2.4 or 5 GHz	4.9 GHz	4.9 GHz
Ethernet Ports	Four	Four	Two	Four	Two
Power over Ethernet			✓		✓
Management Software	✓	✓	✓	✓	✓
Throughput	10 Mbps	25 Mbps	25 Mbps	25 Mbps	25 Mbps
Class of Service		✓	✓	✓	✓
Mounting system	optional	optional	Included	optional	Included

* U.S. licensed band for public safety market only.



Hot Fusion partner website - www.firetide.com/partners or email partners@firetide.com

