

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 and 5 GHz spectrums. The 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.

Designed for maximum performance, scalability, and ease of use, the HotPort mesh network provides exceptional value with the lowest cost of any mesh solution.

- High performance wireless mesh backbone for video, voice and data applications
- Easy and flexible implementation and operation
- Overcomes impractical/impossible wiring scenarios
- Provides a secure, self-healing wireless infrastructure
- Operates in 2.4 and 5GHz spectrums for greatest flexibility

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 connect wirelessly to other HotPort nodes forming a high performance wireless mesh network. 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 omni-directional antennas.



HotView™ Mesh Management Software

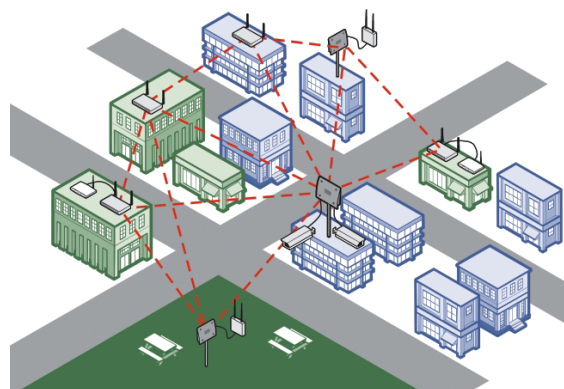
HotView mesh management software provides live monitoring and remote management of Firetide HotPort wireless mesh networks using an intuitive graphical user interface. The HotView software provides complete access to all mesh and individual node settings including security, VLAN, traffic prioritization, radio power controls, and network gateway interconnects. Included free with HotPort 3100 and 3200 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 Internet access and connectivity for any Ethernet device without running miles of cabling or provisioning costly leased T1/E1 lines. 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 wireless mesh network is ideal for enhancing safety and premises surveillance. Ethernet surveillance cameras can be installed where needed and real-time feeds delivered to a central monitoring area over the Firetide broadband network.
- **Temporary networks** – Firetide’s mesh network flexibility enables you to quickly create a temporary network and then tear it down, move it, or extend it. The instantaneous, self-configuring nature of the HotPort wireless mesh solution is, therefore, ideal for any such temporary or ad hoc situation that requires a network, such as disaster relief sites, conferences, trade shows, construction sites, concerts, news 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 HotPort mesh networking technology extends this freedom to move about to the network itself. Indeed, its self-organizing and advanced management capabilities permit mesh-wide mobility in real-time. Try doing *that* with wires!

Vertical Market Opportunities

- **Hospitality** - HotPort wireless mesh networks are now being deployed in hotels and motels, resorts, airports, bus and train terminals, restaurants, convention centers, concert halls, shopping malls, cruise ships, casinos, RV parks, truck stops, marinas, and other public venues.
- **Warehousing and Manufacturing** - Because large, open facilities are difficult to wire, the wireless mesh is gaining ground in manufacturing plants, distribution centers, public warehouses, storage yards, truck terminals, sea ports and similar sites.
- **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.
- **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.
- **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 inside or adjacent to the hospital.



Key Selling Points

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

- **High, Scalable Performance** – With up to 25Mbps throughput, a dual-spectrum radio with transmit power control, 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** – Traffic encryption and filtering, support for VLANs, a robust routing protocol and rugged construction give a HotPort mesh network mission-critical dependability and security.

Competitive Advantages

Firetide is the only mesh networking equipment provider to offer 2.4 and 5 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.

Comparison	Firetide	Tropos Networks	Motorola	BelAir Networks	Strix Systems
Indoor & Outdoor Products	✓	✓			Outdoor product not yet shipping
2.4 and 5 GHz Backhaul	✓			✓	✓
Third-party AP support	✓				with module - \$
All Software Included	✓	\$	✓	✓	\$
Price comparison	\$	\$\$\$	\$\$\$	\$\$\$\$	\$\$\$

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