

Security and Surveillance



Who says security can't be everywhere? Security and surveillance cameras have traditionally been limited to places that could be reached by cable, fiber, or fixed wireless networks.

Firetide™ Instant Mesh Networks™ provide a portable wireless infrastructure to enable flexible, cost-effective monitoring almost anywhere to make sure nothing escapes notice. Extending network reach and enhancing its functionality is now very easy. Wi-fi access points, Ethernet peripheral devices, and security cameras can be added to the mesh network anywhere and at any time. It's like adding more sets of eyes and hands without putting them on the payroll.

Firetide Instant Mesh Networks

Firetide HotPoint mesh routers are the building blocks of a Firetide instant broadband mesh network. By simply plugging them into an AC power source, or even powering them off a battery back-up system, HotPoint mesh routers automatically locate each other to create an extensive wireless mesh backhaul for transporting multimedia traffic. And unlike conventional fixed wireless networks, if one node goes down for any reason, the Firetide mesh network automatically reroutes traffic to assure maximum availability.



Peripheral devices plug directly into the Ethernet port of a HotPoint mesh router, enabling network devices such as security cameras, printers, and computers to be connected virtually anywhere, indoors and outdoors. The entire mesh network is managed centrally, allowing a single staff member to easily monitor and remotely manage each installed unit.

Facility Monitoring

With their round-the-clock activity, facilities such as medical complexes, college campuses, and hotels have a high volume of transient traffic. Firetide HotPoint mesh routers can cost-effectively extend surveillance capabilities for these situations by providing network coverage of building perimeters, back sides of buildings, walkways between buildings, courtyards, information kiosks, and areas surrounding event venues.



HotPoint mesh routers can easily transport video streams between floors of a building as well, making a Firetide mesh network an ideal infrastructure for monitoring floors in hospitals, financial services offices, government buildings, public office buildings, and shopping malls.



Transportation

Parking garages, bus stops, train stations and metro platforms are prime locations for expanded surveillance. However trenching and installation for cables to connect video cameras from these sites can be cost-prohibitive and limited to only those spots where cable can actually reach. Because they eliminate this wired backhaul,

Hotpoint mesh routers now enable camera installation anywhere, indoors or outdoors, on light poles, antennas, ticket booths, and billboards to increase network reach and monitoring effectiveness.

Physical Security

A Firetide Instant network enables security cameras to be placed anywhere that it's necessary to monitor physical assets, such as in data centers, warehouses, storage centers, and shopping centers.



Public Access Sites

Firetide HotPoint mesh routers greatly simplify security network deployment for indoor and outdoor public facilities, enabling full surveillance for event venues, playgrounds, beaches, parks, swimming pools, sports complexes, walkways, and amusement parks. And because Firetide HotPoint mesh routers are portable and set up instantly, they are ideal for creating temporary security networks for concerts, festivals, fairs, and sporting events.



Moving Vehicles

Increasingly, monitoring vehicles and their occupants is becoming important. Unlike traditional fixed wireless infrastructures, a Firetide HotPoint mesh routers can remain connected to the network even while moving. Now it's possible to install cameras in vehicles such as armored trucks, courier and delivery vehicles, taxis, buses, subways and trains.

For more information about Firetide, Firetide Instant Mesh Networks, and Hot-Point Wireless Mesh Routers visit www.firetide.com.



Firetide, Inc.

16795 Lark Avenue, Suite 200
Los Gatos, CA 95032
www.firetide.com