

Security & Surveillance Within Decorative Lighting Fixtures

Broadband Wireless

Beacon Products and Wave Wireless Networking offer decorative lighting fixtures that contain internal surveillance cameras and wireless routing equipment. City officials, local law enforcement, and security officers can remotely monitor real-time video fed by these cameras. The combined solution is discreet, aesthetically pleasing, and cost-effective. Incorporating this security application into lighting schemes dramatically enhances the effectiveness and return of revitalization and beautification initiatives, as well as new development projects.

A key focus for city planners and developers nationwide is to provide a safe, secure environment for its businesses and residents. With wireless security and surveillance, organizations no longer need to spend a fortune on hard wiring. Even when fiber is an option to deploy, it often costs three to five times more than Wave Wireless' secure broadband wireless networks. Just a few miles of trenching can cost hundreds of thousands of dollars, not to mention the time, inconvenience and damage to the landscape.

Modern security and surveillance video cameras can convert images into Internet protocol (IP) packets that are easily transmitted using Wave Wireless' SPEEDLAN 9000 Series. As the only product on the market that allows the user to choose between a self-healing mesh, point-to-multipoint with a polling base station, or a simple point-to-point deployment, the SPEEDLAN 9000 provides a platform that can grow with a customer and is easily redeployed as their needs may change. With 128-bit AES encryption, a US government standard for highly secure operations, SPEEDLAN 9000 provides trusted data security. The real-time video broadcast from each camera location can be viewed from a central command and control center. Wave Wireless' solutions provide the speed and bandwidth necessary to deliver unparalleled video quality. Because these units are designed to perform in harsh outdoor environments, the systems are virtually weatherproof.

Applications

Municipalities

- Monitor high crime rate areas, traffic intersections, city parks, Urban Enterprise Zones, bus stops, train depots, and municipal buildings.

Planned Communities and Corporate Parks

- Cameras at each entrance link to central database to track incoming and outgoing visitors, vendors, and delivery persons.

Local Businesses

- Provide perimeter security for buildings and monitor inventory on warehouse loading docks.

School and University Campuses

- Monitor walkways for student protection, supervise student activity outdoors.

Shopping Malls

- Provide customer security in parking lots.

Add to the overall quality of life by creating a sense of security!

Benefits

- Interchangeable Mesh, Star, or Point-to-Point topology
- 128-Bit AES encryption
- 11Mb/s radio; 2.4Ghz License free
- Robust Outdoor Remote-Mount Chassis
- Rapid deployment
- Simple relocation as necessary
- Remote management

