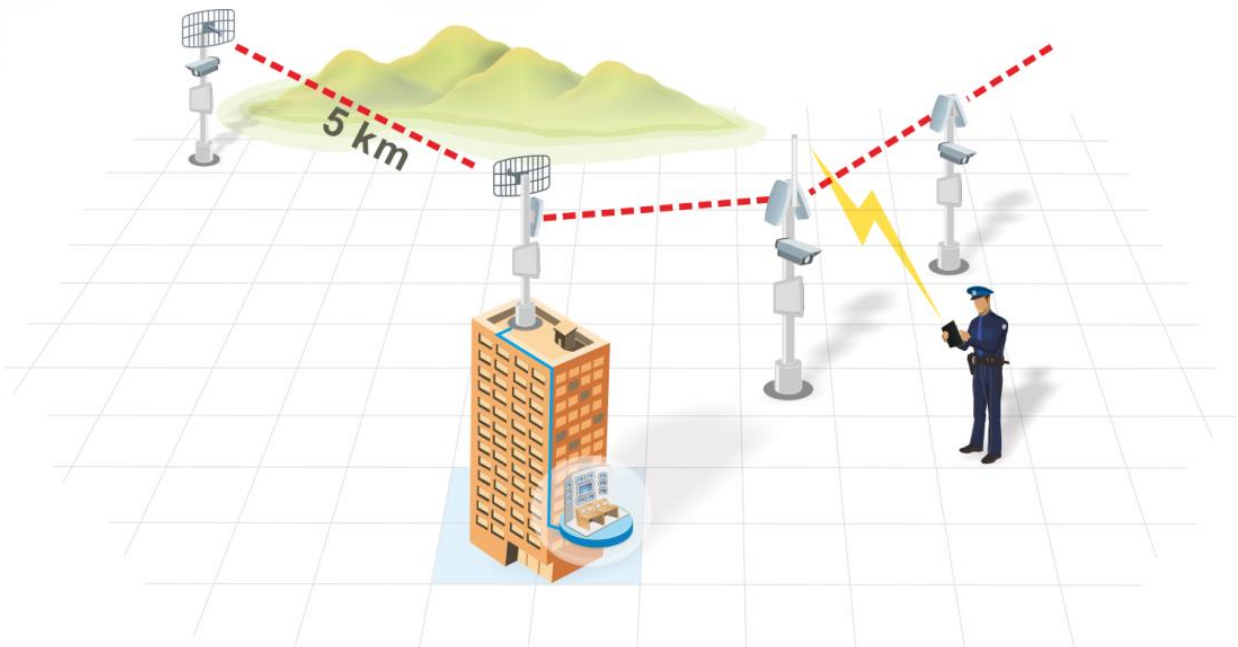




FUNCTION WIRELESS SOLUTION **WIRELESS SURVEILLANCE**



**State-of-the-art wireless surveillance with easy installation.
Perfect to be used Anywhere. Anytime.**



Video surveillance is a powerful tool many organizations need for applications such as security and public safety. In the past, the biggest challenges facing surveillance were the infeasibility of physically pulling cables through walls and high expenses spent towards maintenance and operation. Function's **Wireless Video Surveillance Solution** provides an easy and cost-effective way for delivering flexible video surveillance coverage. Using our state-of-the-art MESH technology, our solution presents the same core characteristics present in all our products: security, flexibility, and reliability at the value customers expect.

Function's Advantages

- Ease of deployment
- Flexible and scalable system
- Low deployment and maintenance costs
- QoS support for data prioritization
- High throughput
- Fast Roaming





Types of applications for wireless video surveillance are plentiful and varied. Common uses include providing security, ensuring public safety, streamlining business operations, controlling crowds, preventing theft, recording events, and many more. Function Wireless Video Surveillance solution supports these applications in a wide range of market verticals including government, private enterprises, and education.

Ease of deployment – By using Function’s wireless solution, you can eliminate over 75% of the cost associated with trenching and running cables in a wired system. Deployment time will also decrease dramatically. With no wires, the whole system becomes much more **flexible** and **scalable**. For outdoor public events, the wireless surveillance infrastructure can be set up and dismantled very quickly. Scalability will not be an issue as customers can increase the number of cameras with minimal cost and time. Since every Function APM equipment comes with standard Ethernet port, any IP camera can work in the surveillance network.

Reliability – Function’s wireless equipment is designed to deliver high throughput to support many real-time video streams. We developed our own proprietary protocol that allows us to achieve real throughput of over 200Mbps. Performance continues to operate at a high level even after several hops between APs thanks to our fast switching mechanism built



into our equipment. With that, we can achieve over **100 Mbps even after 9 hops.**

MESH Features – Function’s wireless solution provides more than just simple surveillance capabilities. Our MESH technology offers additional advantages in delivering a complete wireless video surveillance solution.

QoS (quality of service): Administrator can prioritize traffic, thus eliminating video latency and ensuring high quality of real-time video streaming.

Fast Roaming: Function’s APM equipment can support mobile vehicles, such as cars or trains, with speeds up to 200 km/hr. Our fast-switching mechanism allows for fast roaming in our equipment for seamless connectivity.

Self-healing: In the event of a failed link, the nearest AP will automatically take over. This feature is extremely important as a broken link can lead to serious security consequences.

Security: The Function engineering team takes measures to protect the data being transmitted through our infrastructure. All data sent through our network is encrypted therefore preventing from theft.

Redundancy & Failover: Function’s wireless solutions offers redundancy and failover protection to combat data loss in an event of a broken link. Ethernet shortcut and MESH Unity are two possible methods.



We understand that your business and needs are unique, and that is why we proudly manufacture all our products in-house in Huizhou, Guangdong Province in China. By doing so, we can offer customers the desired flexibility and customizability without diminishing the quality and value of our products. Having undergone rigorous quality control and testing, our products are guaranteed to provide the high capacity, cost-effective, and robust performance you expect.

Access Point Mesh (APM)

The APM-101/102/103R(H) series are enterprise and carrier-grade 802.11N Outdoor Wireless Access Point which offers customers a robust and high performing solution for PTP/PTMP/Hotzone applications in both unlicensed 2.4GHz and 5GHz bands. Designed to meet customer needs in a broad range of industries, the APM-103R is the most ideal candidate for service providers looking to deliver carrier-grade wireless services to multiple market segments such as campuses, hospitality, healthcare, warehousing and wider metropolitan area deployments.



Network Management System

The Function Network Management System is an enterprise software solution that manages all the APs in the network. With a user-friendly interface, the Function Network Management System allows the administrator to monitor all the devices easily and quickly. The platform has all features and management capabilities to deliver the high performance that you need.

