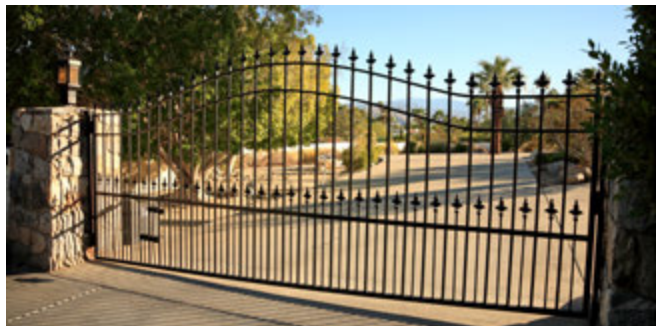




Smart Home & IP Security

LinkPower™ LPS3800ATM-T1



As the demand for Smart Home technology grows, a network becomes a home's central nervous system for all communications and control. The network connects all smart devices beyond smartphones and computers, for examples, home theater, smart lightings, home security, intelligent home appliances, and residential gate controller. It's the Internet of Things (IoT) that is a critical component of home automation and smart homes.



LinkPower™ LPS3800ATM-T1

The Need

Advanced Audio & Video (AAV) is an established home audio-video consulting and integration company located in Southeast United States, and the company provides services that include turnkey projects for both large and small sound systems, conference systems, live event production, home theater/automation design, and special applications. In 2017, AAV responded to one of their customer's large residential home project that requires the residential gate controller, perimeter security, and communications.

The Solution

AAV conducted in-depth research, and they finally selected Inscap Data's LinkPower LPS3800ATM-T1 Outdoor PoE Switch as the central network system that provides the backbone of the network as well as power via Power of Ethernet (PoE) to many connected devices in the residential network.

Released in August 2015, LPS3800ATM-T1 is a high-performance Gigabit Layer2+ Managed Outdoor PoE (Power over Ethernet) Switch that is compliant to IEEE802.3af/at PoE standards. LPS3800ATM-T1 delivers data and power over a single network cable that is protected with an IP68 compliant weatherproof enclosure.



With 256Gbps non-blocking switching capacity and 20.83Mpps forwarding rate @64 bytes, LPS3800ATM-T1 optimizes network bandwidth, while also delivering the network traffic highly effectively.

The switch offers Layer 2+ Switching features including: spanning tree STP (802.1D) and RSTP(802.1W), 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, PoE+ management, IP Source Guard, ARP inspection, ACLs etc. Additional key features include streamlined management through WEB, CLI, TELNET, SSH, SNMP, and G.8032, support <50ms industrial quick ring protection.

Download Product Datasheet:

