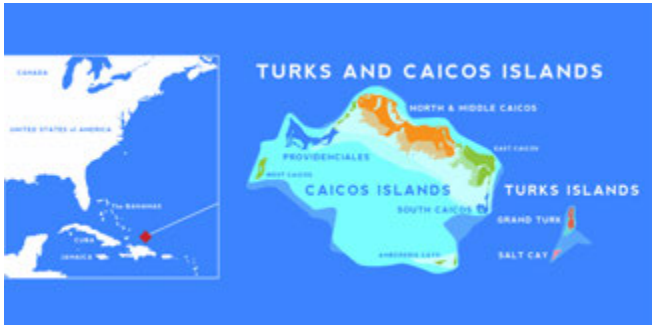




Safe City in Turks and Caicos Islands

LinkPower™ LPS3800ATM-T1



Cities across the world have long looked to video surveillance for aid in crime deterrence and public safety. Cameras in public spaces, i.e., roads and buildings help to ensure that a close eye is kept on possible threats and incidents, or gathering crowds.

For many cities in the recent years, smartphones with wifi have become the most common tool for day-to-day communication. As a result, video surveillance and public Wi-Fi have merged together to become one of the most important smart city applications.



LinkPower™ LPS3800ATM-T1

The Need

Providenciales, the most populated city of the Turks and Caicos islands, is also a top vacation destination for many around the world. With this in mind, Providenciales's city officials have sought a solution to ensure public safety through the implementation of video surveillance and outdoor Wifi.

Since June 2018, The Royal Turks and Caicos Islands of Police have implemented approximately 120 high-definition and high resolution cameras across Providenciales. This public safety project includes a monitoring control room being manned 24/7 by a police inspector and 911 support staff.

The Solution

The LinkPower™ LPS3800ATM-T1 14-Port Gigabit Layer 2+ Managed Outdoor PoE (Power over Ethernet) Switches are at the heart of the Providenciales' video surveillance network. These LinkPower™ Outdoor PoE Switches power and connect all the 120 high definition and high resolution cameras and stream the video signals back to the control room.

Released in August 2015, the LPS3800ATM-T1 is a high-performance Gigabit Layer 2+ Managed Outdoor PoE Switch that is compliant to IEEE802.3af/at PoE Standards. The 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: