



Access Eastside

LinkPower™ LPS3400ATM-T1



Preparing every student to thrive in a global society.

The demand for broader WiFi coverage and higher network bandwidth in high school campuses has surged due to students relying on multiple online tools and streaming content. High school administrators and IT departments are investing in advanced WiFi systems to provide expansive coverage and higher bandwidth, ensuring campuses remain equipped for the evolving needs of a tech-savvy student population and supporting dynamic learning experiences.



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The Need

Access Eastside is a collaborative endeavor designed to broaden internet connectivity within the James Lick High School Attendance area. In a strategic partnership between the City of San Jose and the Eastside Union High School District (ESUHSD), the project seeks to address the digital divide by offering accessible and cost-effective broadband internet services. The ultimate aim is to bridge the gap for underserved and low-income students in San Jose, ensuring they have the essential connectivity required for educational opportunities and online resources.

The Solution

The LinkPower™ LPS3400ATM-T1 10-Port Gigabit Layer 2+ Managed Outdoor PoE (Power over Ethernet) Switches play a key role for the ESUHSD WiFi network. These LinkPower™ Outdoor PoE Switches power and connect Mesh WiFi access points installed on streetlights and traffic signals, as well as Sprint MiFi devices in the areas where the WiFi network doesn't reach.

Released in August 2015, the LPS3400ATM-T1 is a high-performance Gigabit Layer 2+ Managed Outdoor PoE Switch that is compliant to IEEE802.3af/at PoE Standards. The LPS3400ATM-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, LPS3802ATM-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.



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