



Private Educational Farm Upgrades Security & Connectivity

LinkPower™ LPS2802AT-T1 and LPS-UPS1048-802-10



A private educational institution in New Jersey recently completed construction of a new pole barn facility at its on-campus farm. The space is designed to support agricultural learning and outdoor activities. To maintain safety, visibility, and connectivity across the new site, the institution required a compact, rugged networking solution capable of delivering reliable power and data to cameras and access points without relying on indoor cabinets or trenching AC power.



LinkPower™ LPS3400ATM-T1



LinkPower™ LPS-UPS1048-802-10

The Need

The resort faced significant challenges in designing its network infrastructure. Guests expected reliable, high-speed internet for streaming, remote work, and leisure activities, creating substantial bandwidth demands. At the same time, the outdoor environment required equipment able to withstand harsh weather conditions such as rain, saltwater exposure, and wide temperature fluctuations. The network also needed to be scalable and capable of integrating seamlessly with wireless access points, surveillance cameras, and smart TVs—ensuring smooth operations and an enhanced guest experience.

The Solution

The project team selected a complete outdoor solution using three LPS2802AT-T1 PoE switches paired with three LPS-UPS1048-802-10 battery backup systems from Inscape Data. Together, these systems provide consistent, high-power PoE and backup functionality for surveillance and wireless connectivity at the edge.

The LPS2802AT-T1 is a 2-port unmanaged PoE switch delivering up to 60W per port, ideal for powering high-performance outdoor devices. It includes a built-in SFP uplink for fiber backhaul and supports plug-and-play installation.

The LPS-UPS1048-802-10 integrates a PoE switch, lithium battery backup, and power supply into a single IP68-rated, contract-grade enclosure. This system ensures continuous operation even during power disruptions and is designed for long-term performance in harsh environments.

Both products are built for outdoor deployment with secure conduit entry points, offering enhanced physical protection and cable management in exposed locations.



Results

With Inscape Data's industrial-grade outdoor PoE and UPS solution, the project team achieved a seamless deployment that powers critical surveillance and wireless infrastructure. The installation delivers long-term reliability, minimal maintenance, and complete peace of mind—ensuring the facility remains connected and secure in all conditions.

Download Product Datasheet:



Product Information Online: <http://www.inscapedata.com>

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