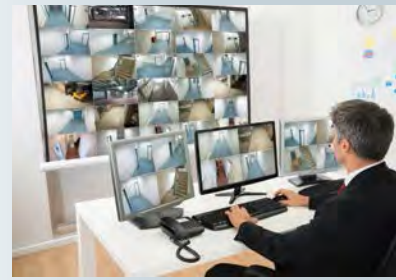




## IT Infrastructure Solutions for Video Surveillance and Security Applications

Power, protect, connect and house all your security equipment with Tripp Lite's wide selection of cost-effective solutions.



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**Free Security Infrastructure Assessment!**

all your security equipment with Tripp Lite's wide selection of cost-effective solutions • Power, protect, connect and house all your security equipment with Tripp Lite's wide selection of cost-effective solutions • Power, protect, connect and house all your security equipment with Tripp Lite's wide selection of cost-effective solutions

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## IT Infrastructure for Video Surveillance & Security

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Video surveillance has become an essential part of daily life. Whether in your business, your home or the public sphere, video surveillance systems protect people and property from hazards and liabilities of all kinds. But surveillance systems can't protect you unless they themselves are properly powered, protected, connected and housed. Surveillance systems are just as vulnerable as other electronics to power problems, tampering or even theft. And just because you know where you need to install cameras, it doesn't mean it's easy to figure out how to provide power in remote locations or deliver video signals from far-flung cameras all the way back to your monitors and DVR. Tripp Lite can help you solve problems like these with a wide range of cost-effective infrastructure solutions ideal for video surveillance and other security applications.

## Quick Guide to Key Solutions

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### PoE Switches

Managed and unmanaged gigabit PoE switches offer outstanding wattage for the price. More watts mean you can connect more security cameras and other devices, including power-hungry PoE+ devices, without buying more switches.

### PoE Midspan Solutions

Add power to network lines to enable PoE device support without requiring replacement of existing network switches and related infrastructure.

### AC & Data Line Surge Protectors

Shield equipment from damaging and disruptive power surges and line noise. Data line models protect serial and network lines.

### UPS Systems

Provide battery backup during power outages, as well as protection from surges, line noise, abnormal voltages and other power problems.

### Close-Coupled Cooling Solutions

Provide convenient and energy-efficient cooling to prevent heat-related damage and shutdowns.

### Enclosures & Brackets

Enclosures protect valuable equipment from environmental hazards while keeping it secure and organized. Brackets provide convenient mounting.

### Audio/Video Extenders

Deliver high-resolution video, with or without audio and control signals, over long distances through compact and efficient Cat5e/6 cabling.

### KVM Switches & Console Servers

Access hardware remotely. Some models provide fail-safe connectivity if the primary network goes down.

### Cables & Adapters

Network, audio/video, power and computer/device cables, adapters, splitters and switches.

### Audio/Video Multiviewers

Reduce cost and complexity by combining signals from multiple cameras into a single signal.

### Media Converters

Convert copper to fiber for transmission over longer distances with higher speeds.

## Indoor & Outdoor Video Surveillance Applications

This diagram shows key Tripp Lite infrastructure solutions in an example retail environment with video surveillance.



## PoE Switches

- Up to 300W PoE budget and support for PoE+ devices
- Up to 24 gigabit Ethernet ports in 1U
- Optional Built-in PDU
- Managed and unmanaged models available



24-Port Managed PoE+ Switch with Built-in PDU (front and back)



8-Port Managed PoE+ Switch



5-Port Unmanaged PoE+ Switch

## PoE Midspan Solutions



Single-Line PoE Injector

- Save money, reduce disruption and increase flexibility by adding or enhancing PoE capability for existing networks

## AC & Data Line Surge Protectors



1U Rack Surge Protector

- Surge protectors prevent power surges and line noise from damaging or disrupting connected equipment
- Data line surge protectors provide in-line protection for serial and network lines

## UPS Systems

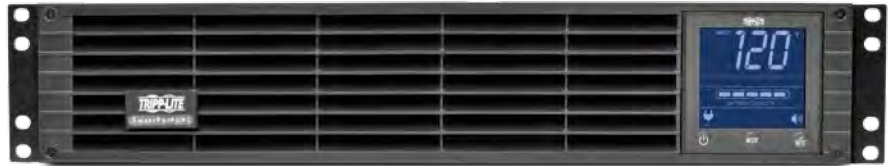
- Compact 1U/2U rack and tower models from 300 to 1500 VA
- Standby, line-interactive (AVR) or on-line operation
- Available sine wave output
- External battery packs for extended runtime
- Network management cards for remote access



500VA Standby Tower UPS



1500VA On-Line Tower UPS



1500VA Line-Interactive 2U Rack/Tower UPS



1000VA Line-Interactive 1U Rack/Tower UPS



12,000 BTU/h Portable Air Conditioning Unit

24,000 BTU/h Portable Air Conditioning Unit

## Close-Coupled Cooling Solutions

- Rack-mounted and portable models up to 24,000 BTU/h
- Deliver cold air closer to devices for more efficient cooling
- Plug into standard outlets and can be installed by almost anyone
- Support remote management and unattended operation

## Enclosures & Brackets

- Protect valuable equipment from environmental hazards while keeping it secure and organized
- Ensure the integrity of recordings and other sensitive data to meet insurance, regulatory and industry requirements, including PCI compliance
- Charging stations and carts secure valuable mobile devices while providing AC or USB charging capability
- Brackets provide convenient mounting



36-Device AC Charging Cart



12U Wall-Mount Rack Enclosure



DVR Lockbox Enclosure



6U Wall-Mount Rack Enclosure



16-Device USB Charging Station



WAP Bracket

## Audio/Video Extenders

- Transmit high-resolution video over long distances through compact and efficient Cat5e/6 cabling
- Options for VGA, component video, DVI, HDMI, DisplayPort and USB signals



HDMI/DVI over IP Extender (front and back)



## KVM Switches & Console Servers



16-Port Console KVM Switch with IP Remote Access

- Access and control multiple devices from a single console (keyboard, mouse and monitor)
- KVM options include desktop or 1U rack-mount form factor, built-in LCD console, IP remote access and multiuser capability
- Secure KVMs include NIAP-certified data protection features
- Console servers provide in-band and out-of-band remote access to serial and network devices

## Cables & Adapters

- Network, computer, device, audio/video, digital signage and power cables and adapters
- USB and USB-C™ cables
- Copper UTP (Cat5e/6/6a) patch cables
- Fiber-optic cables
- Panel-mount cables
- Bulk cabling up to 1,000 ft.

## Audio/Video Multiviewers

- Combine signals from multiple cameras into a single signal, allowing multiple camera views to be viewed on a single display and recorded through a single input
- Reduce system cost and complexity

## Media Converters

- Convert copper to fiber
- Enable transmission over longer distances with higher speeds



Gigabit Multimode Media Converter



## Free Security Infrastructure Assessment

Wherever you need to power, protect, connect and house video surveillance equipment and other security systems, Tripp Lite will help you get the job done.

With thousands of reliable, cost-effective IT products to choose from, you can find solutions for applications of all sizes, whether you're installing security for a small business or a large corporate campus.

It can be challenging to choose from so many different options, but you don't need to do it alone. Tripp Lite's experienced application specialists will help you customize a solution tailored to fit your unique requirements. Through our free **Security Infrastructure Assessment**, we evaluate your environment and provide actionable recommendations to ensure you have everything you need to meet your goals on schedule and under budget.

## TRIPP LITE WILL HELP YOU

- **DEFINE** objectives and technical requirements
- **EVALUATE** existing systems and infrastructure
- **EXAMINE** systems to ensure they're correctly powered, protected and configured
- **PLAN** airflow management and cooling
- **PREPARE** for growth and evolving requirements
- **MANAGE** equipment from any location
- **REDUCE** operating costs
- **IMPROVE** efficiency and availability
- **CUSTOMIZE** a solution and even individual products to fit any application
- **INTEGRATE** components with existing systems