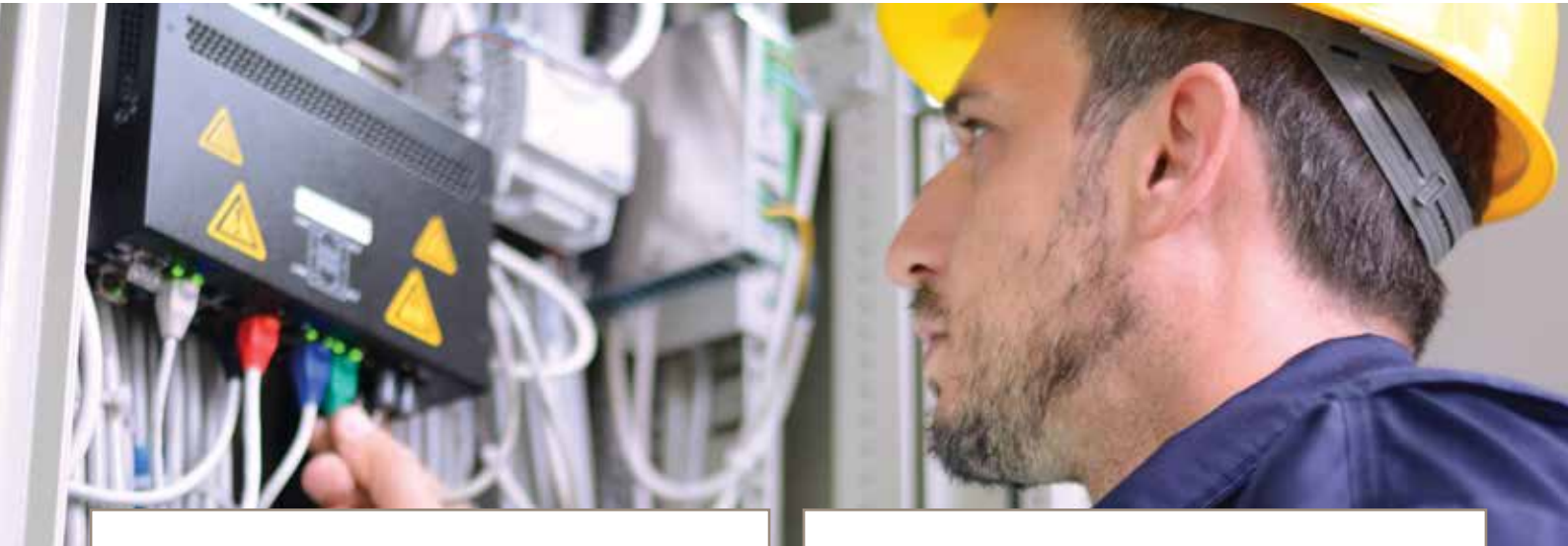


# How to plan **power and connectivity** in your video surveillance system.



## Plan early

Think about power and connectivity already when planning your system to avoid unpleasant surprises later on.

## Geographical location

- > **Certification** – is the power or connectivity product certified for use in your specific geographical location?
- > **Power surges** – are they common in your region? Add a surge protector to the device.
- > **Ambient temperature** – in very hot or very cold climates use a midspan with a wide temperature range.

## Physical environment

- > **Outdoor installation** – choose an outdoor midspan, an outdoor network switch or an enclosure cabinet.
- > **Industrial applications** – use explosion-protected power and connectivity products or products specifically made for hazardous areas.
- > **Distance** – based on the distance between a network device, its power supply and data storage, consider using a PoE extender or a media converter.

## Types of devices

When calculating the power budget of the system, consider all components, including, e.g., midspans and PoE extenders.

## Existing infrastructure

Use midspans to enable PoE from existing network infrastructure or adapters to bring PoE to existing coax cables.

## An end-to-end solution

In sourcing components from a single vendor – including power and network connectivity – you can rest assured that all elements have been designed and tested holistically and as an end-to-end, connected solution. At Axis, you can find a complete range of power and connectivity products to make the most of your video surveillance solution.

Download  
or print out to  
use in system  
design



For more information, visit:

[www.axis.com/products/power-connectivity](http://www.axis.com/products/power-connectivity)