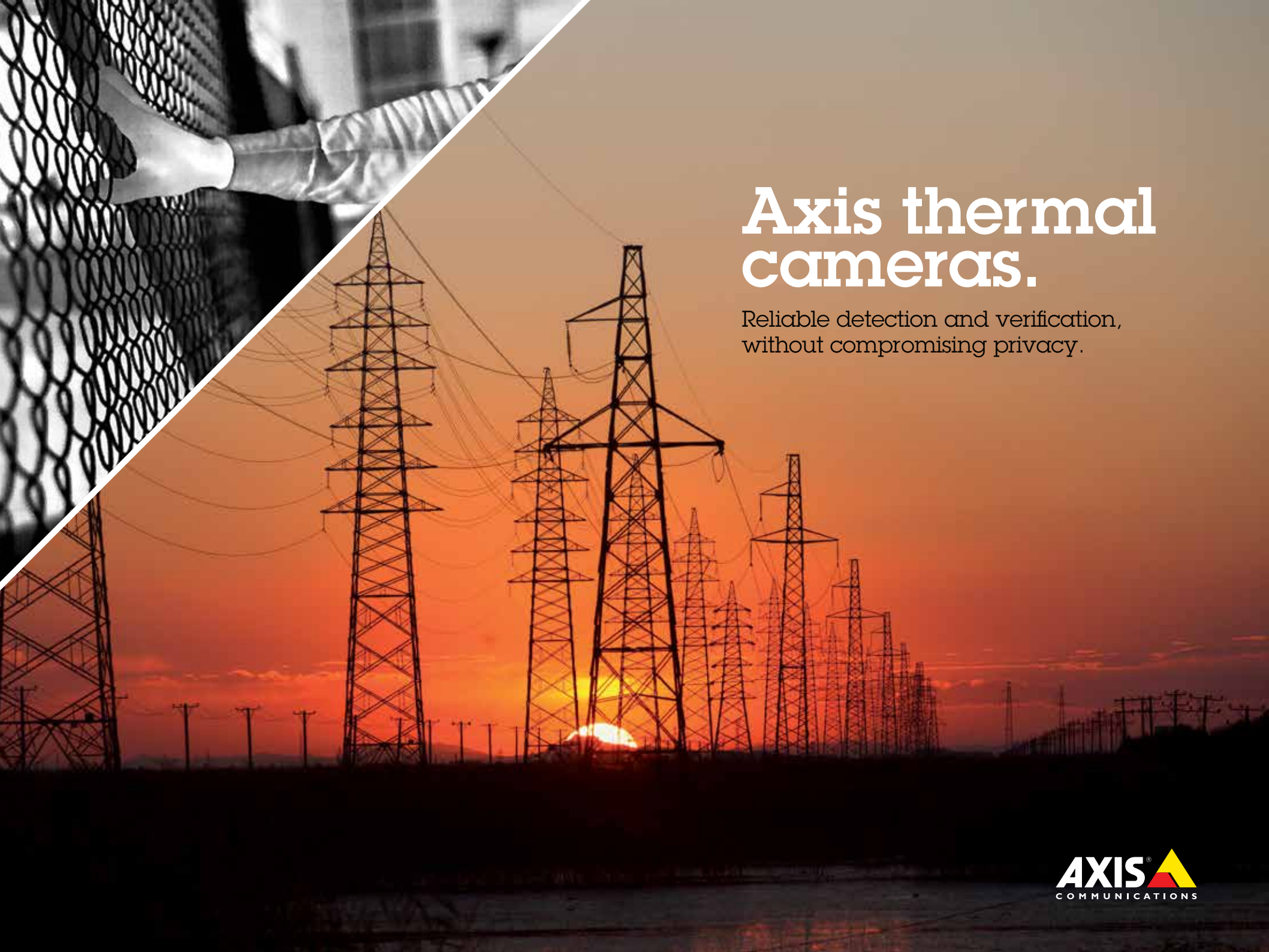




# Axis thermal cameras.

Reliable detection and verification,  
without compromising privacy.



**Picturing  
the invisible.**







When you need reliable round-the-clock detection, Axis thermal cameras are an excellent – and cost-effective – solution.

There's no hiding from them. Because they capture images based solely on the heat radiating from people and objects, they're unaffected by darkness or poor visibility. So they're as accurate in pitch black, fog, and camouflage as they are on a bright sunny day.

And just like our visual cameras, Axis thermal cameras support intelligent analytics. They analyze detected accidents, automatically dismiss non-threatening ones, and immediately notify security of critical situations. No need to worry about privacy issues; with thermal cameras you'll remain safely in compliance.

It's clear: Axis thermal cameras give you the "sight" – and the insight – you need to protect property, perimeters, and people.

## The Axis advantage

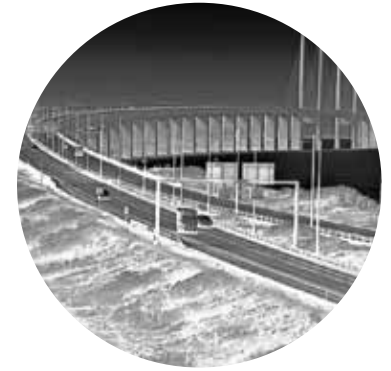
- > Nearly a decade of experience developing thermal cameras
- > Analytics and integration with other systems for cost-effective operations
- > Audio support
- > Electronic image stabilization
- > Shock detection
- > Open platform
- > Cybersecurity
- > Minimal bandwidth and storage requirements, with Axis Zipstream technology
- > Remote monitoring and alerts for efficient personnel deployment
- > Scalable, future-proof solutions
- > Global partner network

# Cameras that see in the dark.

It used to be that only superheroes could see in the dark. But since thermal cameras don't depend on a light source, they can see what was previously thought invisible. Let Axis thermal cameras serve as your protector and defender. They'll strengthen your power to detect, verify, act, and protect privacy – and save you money.

## Get them while they're hot!

When you're concerned about unwanted activity, Axis thermal cameras should be your first line of defense. It's because of the heat. They can detect small temperature differences in objects, vehicles, people, or animals – 24/7. VGA 640x480 resolution (ensuring superb contrast imaging), long-distance detection, and durability make them unrivaled. They'll detect heat leaks in buildings and processes, and make it impossible for intruders to hide in a camouflaged situation. With different lens options, you can use them to surveil a wide area, or for perimeter protection. Thermal cameras are simply better at protecting property, and monitoring people for safety and security. No wonder they're a hot seller.



## What was that?

It's one thing to detect unwanted activity; it's another to know whether it's really a problem. That's where verification comes in. Axis thermal cameras capture suspect activity and then use advanced algorithms to analyze and verify what's happening – before initiating action. Security personnel automatically receive an informed alarm that lets them verify and act accordingly. The AXIS Camera Application Platform (ACAP) lets you add analytics, which set system parameters to exclude things in the field of vision that aren't problems (such as animals) and trigger responses like video recording or steering a PTZ (pan/tilt/zoom) camera to the best view (allowing visual verification of real threats). Automatic alerts and visual verification mean that smart thermal cameras work in partnership with better-informed personnel – for the right response.




## Scare them away!

What if there really is something out there? Not only can Axis thermal cameras detect incidents, they can also deter unwanted activity. Once something suspicious has been verified, cameras can be used for deterrence in a system that triggers pre-selected automatic responses – such as speakers or flood lights. A security guard can also be dispatched immediately. And don't worry – deterrence doesn't compromise privacy regulations.





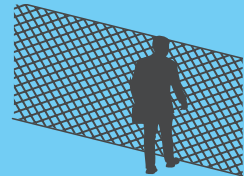


## All that, and save money too

With so many benefits, can they really also be affordable? Yes. Because thermal cameras see farther than visual cameras, you'll need fewer cameras to monitor an area. And since they provide more reliable detection and verification, you'll get fewer false alarms (so your personnel won't spend time chasing plastic bags in the wind).

Need more convincing? Axis' own Zipstream technology dramatically lowers bandwidth and storage requirements for many common surveillance situations. They're out-of-the-box ready for quick and easy installation, and they're tough and durable – withstanding even the harshest weather conditions. Because they're readily integrated with other networks, this means less labor and lower cabling costs. Lots of benefits, and budget-friendly.

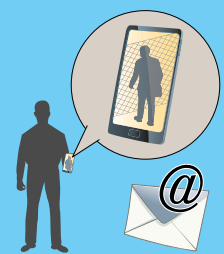




**DETECT**  
Real-time incident detection



**VERIFY & ACT**  
Automatic notification



**IDENTIFY**



**DETER**



**MANAGEMENT & FORENSIC ANALYSIS**

Remote monitoring



# To prevent a crime...

What if you could stop a crime before it happens? Thankfully, thermal cameras are extremely flexible and help you do just that. Combined in a network that builds on their own built-in video analytics software, thermal cameras let you detect, deter, and act fast: with lights or audio, and by alerting personnel who can send a security guard. These steps will often be enough to scare the perpetrator away, so you can stop unwanted activity in its tracks.

But what about privacy? Don't worry: you can protect your business, while also respecting privacy. Because thermal cameras don't deliver images that allow reliable identification, you won't need to be concerned about non-compliance. Privacy considerations are increasingly important these days, especially in certain industries and countries. Providing surveillance security for patients at a hospital, the elderly at a nursing home, or students in a schoolyard is essential. But so is following rules and regulations that safeguard the right to privacy. Only thermal cameras give you this peace of mind.

Increasingly, businesses know that thermal cameras are the preferred option for detection and deterrence in so many different situations. Whether you need to safeguard a plant's perimeter or a national border, protect an outdoor area against vandalism, secure the inside of a building, or provide vital information in emergencies, thermal is the answer. And when it comes to public safety, thermal cameras help prevent accidents by alerting people about potentially dangerous situations.

## To catch a thief...

Face the facts: there may be times when you want to use captured images for forensic purposes (as evidence in a court of law). Fortunately, thermal cameras can also be used to catch criminals, when they're integrated in a system with Axis visual cameras. These can take into account factors that are critical for identification, such as lighting, camera positioning, and motion. Rest assured: if you really need to, you'll be able to identify the bad guys.



# Where the action is.

What keeps you up at night? Whatever the situation, we've got you covered. Axis thermal cameras keep sight of what's important to you, by providing excellent, targeted surveillance solutions in many different areas. Axis can also offer the widest range of third-party video analytics. Let us help make your surveillance as smart and strong as it can be.

## How can we help you?

### > **Improve security** (AXIS Q8641-E + AXIS Q8642-E PT Thermal Network Cameras)

Do you have an expansive outdoor area you need to protect? With these responsive thermal network cameras, you'll gain unobstructed and far-reaching detection in very large areas. They're great in mining areas and other industrial environments. And they're excellent when it comes to monitoring the safety of your goods and personnel.



### > **Border control** (AXIS Q87 Bispectral PTZ Network Camera Series)

A powerful – and cost-effective – combination of visual and thermal video in one camera, they offer superior surveillance for borders (and other applications with similar requirements). You need only one camera and a single IP address to benefit from long-distance thermal detection, visual identification, and PTZ (pan/tilt/zoom) capabilities.



### > **Monitoring patients and senior living** (AXIS P1280-E Thermal Network Camera)

When used in healthcare, this thermal camera with embedded motion-detection analytics protects personal privacy and provides early fall detection – quickly alerting staff to a patient or resident in need of medical assistance. Its highly discreet design also helps minimize the feeling of being watched so people can rest easier.





> **Perimeter protection  
(AXIS Q19 Thermal Network Camera Series)**

A perfect tool for protecting perimeters, these thermal cameras offer high-performing video analytics (leveraging AXIS Guard Suite applications that turn them into smart security systems, with layered protection). They "see" in the dark over long perimeters, and trigger alerts when someone enters a pre-defined area within the camera's field-of-view. Think of it as an invisible thermal fence. They're perfect for industry (manufacturing, power plants), government, critical infrastructure (ports, marinas, airports), transportation (road and rail networks), and residential (from private houses to luxury apartments and condominiums). Intelligent and reliable perimeter protection, at its finest.



> **Process monitoring and safety  
(AXIS Q29 + XF40-Q2901 + XP40-Q1942  
Explosion-Protected Network Cameras)**

When temperature is the big variable, these thermal cameras ensure excellent remote monitoring of power-generating facilities, fire hazard areas, or industrial processes involving self-igniting materials. They trigger alarms if it goes beyond a high (or low) limit you've set or when it simply increases too quickly. The XF40-Q2901 is hazard-certified worldwide, and both the XF40-Q2901 and the XP40-Q1942 are explosion-protected.



> **Classroom observation  
(AXIS P1290 Thermal Network Camera)**

This thermal camera offers very affordable, discreet, and flexible detection to mitigate personal safety risks in the classroom while protecting the privacy and identity of individual children.







# Cameras that feel the heat.

Companies around the world are discovering the many benefits of Axis thermal cameras – with good reason. On their own, or as part of a complete surveillance solution, Axis thermal cameras let you detect unwanted activity – and react appropriately.



## Products overview:

- > AXIS P1280-E + AXIS P1290 Thermal Network Cameras
- > AXIS Q19 Thermal Network Camera Series
- > AXIS Q29 Temperature Alarm Camera Series
- > AXIS Q8641-E + AXIS Q8642-E PT Thermal Network Cameras
- > AXIS Q87 Bispectral PTZ Network Camera Series
- > XF40-Q2901 Explosion-Protected Temperature Alarm Camera
- > XP40-Q1942 Explosion-Protected PT Thermal Network Camera

## About Axis Communications

Axis offers intelligent security solutions that enable a smarter, safer world. As the market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform - delivering high value to customers through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets.

Axis has more than 2,700 dedicated employees in more than 50 countries around the world, supported by a global network of over 90,000 partners. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ Stockholm under the ticker AXIS.

For more information about Axis, please visit our website [www.axis.com](http://www.axis.com).

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