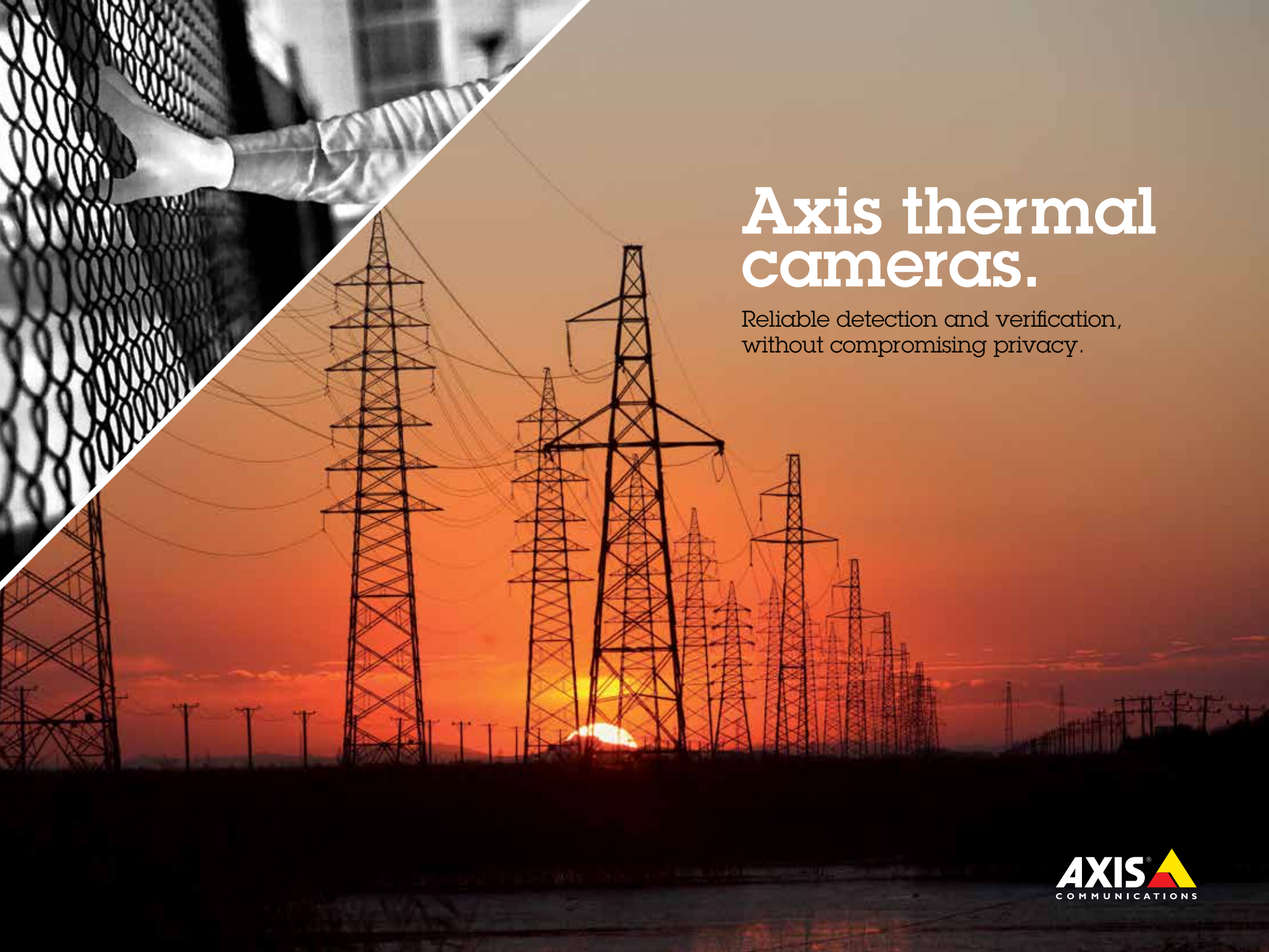




Axis thermal cameras.

Reliable detection and verification,
without compromising privacy.



**Picturing
the invisible.**





The green circles indicate the presence of a person. In the visual images, the person is invisible. In the thermal images, the person is visible.

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. Together, they analyze detected incidents, 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.

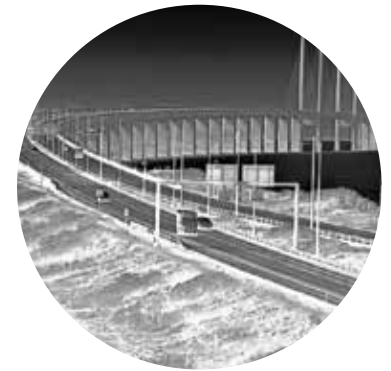
It's clear: Axis thermal cameras give you the "sight" – and the insight – you need to protect property, perimeters, and people.

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 the unseen. Let Axis thermal cameras serve as your protector and defender. They'll strengthen your power to detect, verify, act, and protect privacy – while providing cost savings.

Get them while they're hot!

Like all thermal cameras, Axis thermal cameras work because every object – organic or inorganic – emits a certain amount of infrared radiation as a function of its temperature. So Axis thermal cameras accurately detect people, objects and incidents in complete darkness or other challenging conditions such as smoke and dust. They can be used to surveil wide areas. Or they're ideal for perimeter protection where they serve as a powerful, cost-effective alternative to radio frequency intruder detection, electrical fences, floodlights, long-range sensors, and microwave and infrared barriers. In addition, Axis temperature alarm cameras can be used to monitor for gas leaks and dangerous temperature variances in processes, and then trigger an alarm.



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 and advanced analytics developed by Axis and our partners come in. Axis thermal cameras detect suspicious activity, and can then use onboard analytics to analyze what's happening and send notifications to security personnel. Analytics can also trigger a PTZ camera to zoom in on a particular area or a fixed camera to begin recording, allowing personnel to visually evaluate situations and then respond appropriately. In addition, there are analytics available that exclude certain things from triggering a response (such as small animals, for example).



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. For example, onboard analytics can trigger pre-selected automatic responses that warn off intruders. A recorded verbal warning can be set off or floodlights turned on. And a security guard can also be dispatched immediately.

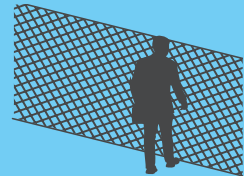




All that, and save money too.

With so many benefits, can they really also be affordable? Yes. Because, together with intelligent analytics, thermal cameras can detect incidents and objects from further away than visual cameras can, so 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 Zipstream technology dramatically lowers bandwidth and storage requirements for many common surveillance situations. Our thermal cameras are 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 can help you do just that. 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.

Increasingly, businesses know that thermal cameras are a great 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, or secure the inside of a building, thermal cameras are up to it. Plus they can provide vital information about things like the progress of an evacuation in an emergency situation, and they can alert people to potentially dangerous situations such as gas leaks.

But what if complying with privacy regulations is a consideration? Don't worry. With thermal cameras you can protect people and businesses while also respecting privacy. Thermal cameras don't deliver images that allow reliable identification, so they're perfect anywhere privacy is important. For example, they're ideal for protecting patients in hospitals, the elderly in nursing homes and students in schoolyards.

To catch a thief ...

But, while in some situations protecting privacy is an advantage, there are of course times when you want to be able to identify individuals. So it's fortunate that Axis thermal cameras can be integrated with Axis visual cameras in a system that will help you identify suspected criminals. How? With the help of intelligent onboard analytics, events detected by your thermal cameras can trigger visual cameras to start recording high-quality images. You can then use those images for identification and other forensic purposes.



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?

> **Wide-open spaces** (AXIS Q8641-E + AXIS Q8642-E PT Thermal Network Cameras)

Do you have an extensive outdoor area you need to protect? With these responsive thermal network cameras, you'll gain far-reaching detection in very large areas. They're great in mining 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, this series offers 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.



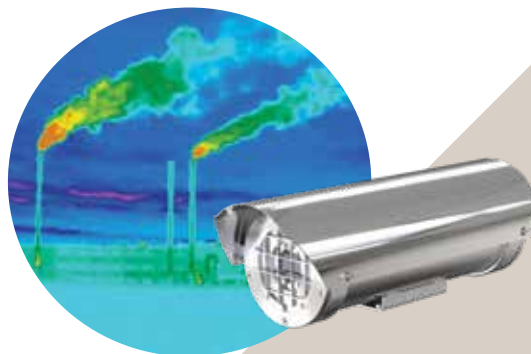
> **Perimeter protection**
(AXIS Q19 Thermal Network Camera Series)

These thermal cameras come with preinstalled AXIS Guard Suite analytics, which means they act like an invisible thermal fence. They "see" in the dark over long distances, triggering alerts when intruders enter pre-defined areas in the camera's field-of-view. They're perfect for protecting perimeters in applications that range from industry, government, critical infrastructure and transportation to residential (from private houses to luxury apartments and condominiums).



> **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 temperatures go beyond a high (or low) limit you've set or they simply increases too quickly. Axis explosion-protected cameras are hazard-certified worldwide.



> **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.

Product 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

Visit www.axis.com/thermal

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

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.

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