



New Bosch fixed thermal IP cameras Combines long wave thermal imaging with Intelligent Video Analysis

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- ▶ Works in complete darkness and withstands adverse weather conditions
- ▶ A true 24/7 solution that detects infrared radiation invisible to the human eye

Munich – Bosch introduces a new range of fixed thermal IP cameras for outdoor use. A full 24/7 solution combining outstanding thermal image quality with Bosch advanced IVA (Intelligent Video Analysis), these cameras deliver the same high level of performance regardless of lighting conditions. They are also unaffected by dense smoke or adverse weather such as heavy fog or snow, and work in complete darkness.

Optimized for thermal imaging, the superior IVA helps in object detection to ensure operators have advanced warning of suspicious activities or hazardous situations. It also helps to show behaviour patterns, so operators can work out what is going on in a scene and take appropriate action quickly. The camera can see over large areas and across long distances and, unlike conventional cameras, can expose people hiding in shadows or camouflaged against the background.

The Bosch thermal cameras have a broad set of built-in IVA features including motion detection, trajectory tracking, loitering and more. Digital image processing greatly improves security and safety, supporting security personnel with a powerful and efficient event detection and alarm system. Events are immediately displayed. The data can also be stored for later review with Forensic Search from Bosch. IVA captures comprehensive details of recorded scenes, helping operators find any event – even those not originally set up as alerts.

Making temperature differences of 50 millikelvin or less visible, the camera

combines dedicated image processing with noise reduction to ensure clear, highly accurate image conversion and display. It uses a VOx (Vanadium Oxide) focal plane sensor array with 320 x 240 pixels. Tri-streaming capability enables the camera to transmit two H.264 video compression streams and one JPEG stream simultaneously. Further flexibility comes from multicasting, internet streaming and iSCSI recording support.

A microSD card slot makes the camera a self-contained solution, offering the convenience of local storage with increased reliability in the event of network failure. Operators can move quickly to the area of interest thanks to dedicated Pan/Tilt-head control.

There is a choice of four lenses covering both narrow and wide fields of view. The camera suits an almost unlimited range of applications but is especially useful for ports and traffic monitoring, border control and homeland security, perimeter surveillance, power plants and industrial installations.

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Additional information on Bosch Security Systems and Bosch Group is available at

www.boschsecurity.co.uk

The Bosch division Security Systems is a leading global supplier of security, safety, and communications products, solutions and services. Some 12,000 associates generated sales of 1.36 billion euros in fiscal 2010. Protection for people's life, buildings and assets is the aim. The product portfolio includes video surveillance, intrusion alarm, fire alarm and voice evacuation systems as well as access control, management systems and care solutions. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security Systems develops and manufactures in its own plants across the world.

Additional information can be accessed at www.boschsecurity.com

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Additional information can be accessed at www.bosch.com, www.bosch-press.com, and www.125.bosch.com.