Axis introduces network radar technology for accurate area detection

Axis adds network radar technology to its extensive product portfolio. The area detection technology ignores many common triggers that result in false alarms, and has been designed for easy installation and integration with existing systems.

Axis Communications, the market leader in network video, introduces its new AXIS D2050-VE Network Radar Detector. Radar technology is used for accurate and reliable area detection of moving objects in a variety of light and weather conditions. It is a good complement to cameras with video motion detection and can be used to track moving objects with PTZ cameras. Radar also allows for a wide area to be covered whilst thermal cameras are more suitable for long perimeter protection. Developed primarily for medium-sized industrial installations, the product is designed to integrate with Axis cameras and video management systems (VMS) – in addition to surveillance systems and VMS from other major vendors.

Vandal-proof and suitable for outdoor use, AXIS D2050-VE can deliver real-time information about the position, speed, angle, and size of a moving object. With a longer range than passive infrared sensors, it covers a wide field of detection, while minimizing the number of false alarms triggered by spiders, small animals, moving shadows and light reflections. The radar motion detector can be set to trigger camera recording, activate a horn speaker, or switch on a light for deterrence and improved visibility on camera.

Axis’ network radar detector can be used as a standalone product or as part of a surveillance system. Thanks to its open interface, it is compatible with Axis cameras and can be easily integrated with Axis Camera Station and Axis Camera Management software – as well as other video management systems – for straightforward management and maintenance.

“Radar closes a gap as it offers good area coverage, detects movement with high accuracy, and reduces false alarms” explains Andres Vigren, Global Product Manager, Axis Communications. “Compared to simple motion detectors, AXIS D2050-VE provides additional information of detected objects which allows for auto tracking with Axis PTZ cameras. Customers can now easily add proven radar technology to their existing or new surveillance systems to protect their premises”.

Axis’ first detector with network radar technology, AXIS D2050-VE is an affordable wall-mounted detector primarily designed for outdoor use with a wide detection coverage of 120 degrees and 50 meters (164 feet). It is powered by Power over Ethernet Plus (PoE+) for simple installation and has IP66, IK08 and NEMA 4X ratings for tough environments. The detector can be operated in temperatures ranging from -40°C to 60°C (-40 to 140°F).

AXIS D2050-VE will be available in October 2017 through Axis’ distribution channels.

For photos and other resources, please visit:

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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.