

Bosch introduces new advanced smart surveillance technology to its camera range

Powerful surveillance solutions to handle the most demanding lighting situations

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- ▶ Advanced imaging capabilities for the most demanding surveillance applications
- ▶ Copes with strong backlighting and high-contrast scenes of bright highlights and deep shadows
- ▶ True Day/Night functionality with superior IR contrast for effective surveillance 24 hours a day

Bosch Security Systems is enhancing its camera range with new smart surveillance technology. Embodied in the recently introduced Dinion 2X Day/Night fixed camera and the Flexidome 2X Day/Night dome camera, Bosch's new smart surveillance technology provides customers with a truly advanced level of imaging for the most demanding surveillance applications.

The cameras combine a proprietary wide dynamic range CCD sensor (Charged Coupled Device) with a new Bosch designed 20-bit digital signal processor (DSP) with many times the computational power of conventional cameras. These innovative features deliver superior performance with improved detail reproduction and better image quality in low-light conditions. The same level of performance is achieved in the Dinion 2X fixed body cameras and FlexiDome 2X fixed dome cameras.

It is also possible to mix and match FlexiDomes and fixed body cameras in an installation to suit the site requirements.

In difficult lighting condition, the highly sensitive CCD sensor automatically analyzes each image pixel-by-pixel to reveal details invisible to the human eye.

The new cameras also feature Smart Backlight Compensation (Smart BLC) to optimize light levels for objects of interest in scenes with a bright

background. Smart BLC automatically analysis the image and enhances the details to provide the best result, without the need of user intervention. In addition, the cameras have Day/Night capability with infrared contrast for effective surveillance 24 hours a day, with or without IR lighting.

Several tools built into the cameras reduce installation times for technicians. A test pattern generator produces signals to test cables and fault-find other CCTV equipment, while Bilinx allows installers to check camera status, change settings and update firmware from a laptop computer.

A host of other features, including six user-programmable modules, a multi-language On Screen Display, built-in smart motion detection and privacy zones, ensure simple set up and operation of the cameras. A high efficiency power supply also improves the operating temperature of the cameras.

With Bosch's new smart surveillance technology, the Dinion 2X and Flexidome 2X cameras are well suited for applications involving difficult lighting, day/night surveillance or where the most detailed images are required. Examples include outdoor perimeters, traffic monitoring, tunnels, car parks, and casinos and gaming centers.

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The company was set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as "Workshop for Precision Mechanics and Electrical Engineering." The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant up-front investments in the safeguarding of its future. Ninety-two percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust. The remaining shares are held by the Bosch family and by Robert Bosch GmbH.

Additional information can be accessed at www.bosch.com.



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