



PRESS RELEASE

BOSCH LAUNCHES NEW GENERATION AUTODOME FOR A NEW GENERATION OF THINKING

Bosch Security Systems has launched the AutoDome modular camera system, a new series of IP-enabled dome cameras comprising intelligent, interchangeable modules that enable installers to update camera functionality quickly and cost-effectively, whilst allowing end-users to migrate to more advanced technologies in the future without having the associated costs of replacing the entire dome.

The AutoDome range is based on five interchangeable modules: the CPU (determining fixed or PTZ capability as well as advanced functions eg. privacy masking, motion detection and tracking); camera (including choices of whether fixed/PTZ, colour or day/night, and zoom range); housing (for indoor and outdoor applications); communications (to determine how video/data will be communicated to the matrix switch, DVR or IP video system); and power supply (to meet site-specific installation requirements).

The flexibility is such that a 'core' product can be upgraded or adapted as needs change, for example from analogue to IP, colour to day/night, or to include advanced features such as motion detection. The design is such that cameras can be moved between different housings when special coverage is needed, or as site plan requirements change, quickly and safely and without removing the power.

"Migrating from a basic dome with a fixed camera to a high-speed PTZ with advanced features such as AutoTrack II intelligent tracking can be done quickly and easily, without requiring dome removal or rewiring," explains Jeremy Hockham, Managing Director of Bosch Security Systems. "Similarly AutoDome's Ethernet communications module allows installers to add IP functionality while maintaining connectivity to existing analogue inputs and outputs."

AutoDome camera modules are available with state-of-the-art technologies that are designed to deliver optimum image clarity, camera control and sensitivity to meet the most demanding of environments. With horizontal resolution of up to 540 TVL, the cameras generate more TV lines than conventional CCTV systems, resulting in sharper images for more accurate identification.

All products within the range have hybrid connectivity, allowing the simultaneous support of IP (MPEG-4) and analogue (coax) formats. "Total cost of ownership is a major issue facing businesses, and AutoDome has been designed with this in mind. A business that opts for analogue technology today is protected if it decides to migrate towards IP technology tomorrow. Using AutoDome means a business can upgrade to IP at its own speed – all at once or one camera at a time – without being forced to choose one technology over

another form the outset, and without compromising on performance.

“Investment is also protected because AutoDome easily integrates with the entire range of Bosch surveillance products including Allegiant matrix switchers, DiBos and Divar digital recorders, and the VIDOS IP-based video management system.”

The AutoDome series supports a variety of standard and optional video and data transmission methods including Bilinx (over coax and UTP), fibre, and even TCP/IP over Ethernet. Remote control, configuration, and firmware updates can also be performed using the same connectivity.

“What is perhaps most unique about the new AutoDome series is not just its performance capabilities but as much the thought that has gone into the product in terms of its ‘physical’ design,” Jeremy continues. “The new compact housing is now 15% smaller than the previous generation of products, and all tethers have now been replaced by hinges, making them much easier and safer to install, especially when the need to work safely at height is paramount.

“The hinged arm provides access to the power supply without having to take the whole dome down, and a built-in surge suppression technology protects all power, data and video inputs. Being easy to ‘access’, means time spent on routine maintenance can be dramatically reduced, and if a part does need upgrading or replacing, a new one can simply be inserted without having to take the whole dome apart.”

The new series AutoDome is the culmination of 10 years research and development, and has been subjected to the most comprehensive and rigorous endurance and performance tests. All enclosures are IP66/NEMA 4X rated, impervious to dust and protected from strong jets of water. The protection of a rugged, polycarbonate bubble, recessed set screws and recessed bubble latch are standard on all housings.

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