

**Our focus is** to make  
darkness totally visible

starlight. The inventors take it to the next level.



**BOSCH**

Invented for life

## starlight. The inventors take it to the next level

Bosch cameras with starlight technology are the gold standard in low light video performance. The original just got better with improved light sensitivity, a wide choice of resolutions, various form factors, dynamic ranges up to 120 dB, framerates of up to 60 frames per second and video analytics at the edge as a standard. Make sure you're not left in the dark. To take your video surveillance solution to the next level, always choose original starlight cameras from Bosch.



# The ultimate 24/7 camera

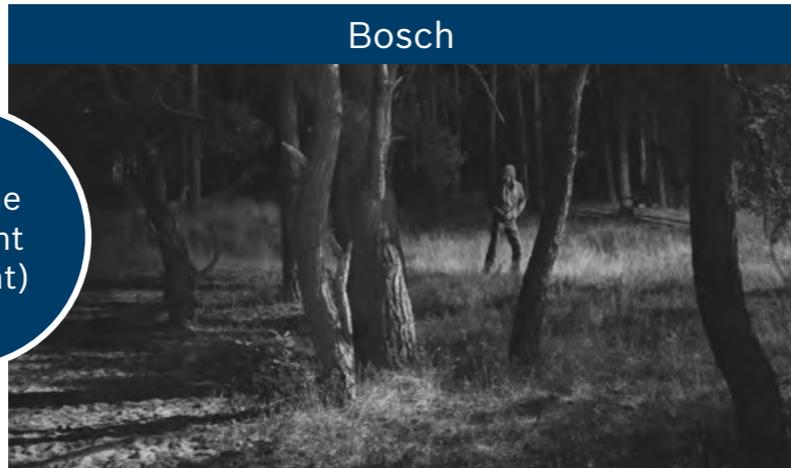
Back in 2012, Bosch introduced the world's first starlight cameras. Designed to give excellent images, even in the lowest light conditions, they revolutionized the industry and created true 24/7 surveillance.

The latest sensor technology, combined with sophisticated noise suppression, results in a light sensitivity of 0.00825 lux in color and 0.00275 lux in monochrome<sup>1</sup>. This enables starlight cameras to produce full color images in the dark beyond the point where other cameras have switched to monochrome. Where other cameras fail to show any image at all, starlight cameras are still capable of delivering detailed monochrome images.

<sup>1</sup> DINION IP starlight 8000 MP



Extreme low light (at night)



Low light (dawn)



## Video analytics at the edge as a standard

Our focus has always been on delivering high quality and relevant images. In addition to the right product, relevancy is something that can only be achieved with video analytics, which is why we believe it should be a standard feature, rather than an option. The latest starlight cameras come with video analytics at the edge as standard, requiring no additional investment or license fees from the customer. It makes high quality images even more relevant around the clock by adding sense and structure to your video data. Video analytics enables you to stream only what's relevant, retrieve evidence quickly and simply and trigger alarms when needed. All of which eliminates the need to process hours of video data, making it easier to manage than ever before.



To tailor your solution to your exact needs, Bosch cameras will feature two different types of video analytics. All starlight IP 6000 cameras come with Essential Video Analytics for advanced intrusion detection and enforcing health and safety regulations. It also possesses business analytics capabilities, such as people counting and crowd density information for retail environments. For the most challenging environments where snow, heavy rain, moving trees, reflection caused by water surfaces or distance can make images difficult to interpret, starlight IP 7000 and IP 8000 cameras will be available with the latest version of Intelligent Video Analytics. Ideal for mission critical applications like perimeter protection of airports and other critical infrastructures, traffic monitoring or ship tracking in harbour or coastal applications.



## The starlight family

Relevant starlight images means more than just the latest starlight technology. The form factor of the camera also needs to fit the application if it is to meet your security needs. That's why you can choose from a wide range of camera forms, from fixed box to fixed or moving dome cameras. There's even an explosion-proof camera or extremely rugged moving camera for when conditions get tough.

With the highest quality images in a choice of resolutions, there's a new starlight camera to suit your exact security needs: 720 pixels, 1080 pixels and 5 megapixels. They also offer a superb dynamic range of up to 120 decibels by 1080 pixels. Add to that an incredibly high frame rate of up to 60 frames per second and you can capture fast-moving objects - even in challenging light conditions.



### **DINION**

Fixed box camera



### **FLEXIDOME**

Fixed dome camera



### **MIC**

Ruggedized moving camera



### **AUTODOME**

Moving dome camera



### **EXTEGRA**

Explosion proof camera

# The starlight family

## Fixed IP box cameras:

DINION IP starlight 6000 HD	HD 720p or 1080p at 60 frames per second, built-in Essential Video Analytics, High Dynamic Range of 120 dB.
DINION IP starlight 7000 HD	HD 720p or 1080p at 60 frames per second, built-in Intelligent Video Analytics, High Dynamic Range of 120 dB.
DINION IP starlight 8000 HD	5 megapixel at 30 frames per second, built-in Intelligent Video Analytics, Wide Dynamic Range of 121 dB <sup>2</sup> .

<sup>2</sup> Including 16 dB when Intelligent Auto Exposure is switched on.

## Fixed IP domes:

FLEXIDOME IP starlight 6000 VR	HD 720p or 1080p at 60 frames per second, built-in Essential Video Analytics, vandal resistant housing, High Dynamic Range of 120 dB.
FLEXIDOME IP starlight 7000 VR	HD 720p or 1080p at 60 frames per second, built-in Intelligent Video Analytics, vandal resistant housing, High Dynamic Range of 120 dB.

## Moving IP cameras (PTZ):

MIC IP starlight 7000 HD	HD 720p at 60 frames per second, Wide Dynamic Range of 90 dB, extremely ruggedized housing to withstand high-impact (IK10) and extreme weather conditions (IP68). 30x optical zoom.
AUTODOME IP starlight 7000 HD	HD 720p at 60 frames per second, Wide Dynamic Range of 90 dB. 30x optical zoom.

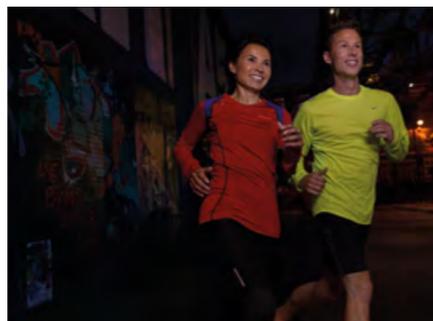
## Specialty cameras:

EXTEGRA IP starlight 9000 FX	Explosion proof housing, HD 720p at 60 frames per second, stainless steel version for corrosive environments.
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## A Tradition of Quality and Innovation

For over 125 years, the Bosch name stands for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.



Easily select and compare products with our online tool



Calculate your storage requirements

## Bosch Security Systems

To learn more about Video Systems, please visit [www.boschsecurity.com/hdsecurity](http://www.boschsecurity.com/hdsecurity)

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