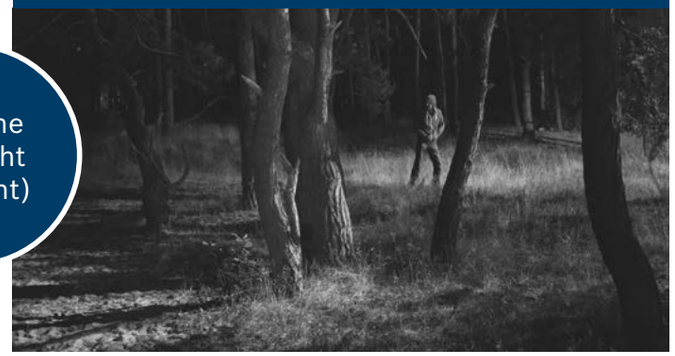
Our focus is to make darkness totally visible

starlight technology

BOSCH
Invented for life

The ultimate 24/7 cameras

Wouldn’t it be helpful if you could rely on clear and relevant images regardless of the lighting conditions? With the starlight family, Bosch offers a new quality standard in round-the-clock video surveillance. Regardless of lighting conditions, time-of-day or object movement, the cameras deliver relevant IP video 24/7. They produce full color images at low light levels well beyond the point where other cameras have turned to monochrome images. And where others show no image at all, starlight cameras still deliver detailed monochrome images. With their impressive technical specifications, they are the ultimate 24/7 cameras. With the starlight family, our focus is to make darkness totally visible.

	Bosch	Other brands
Extreme low light (at night)		
Low light (dawn)		

Any lighting conditions no matter the movement

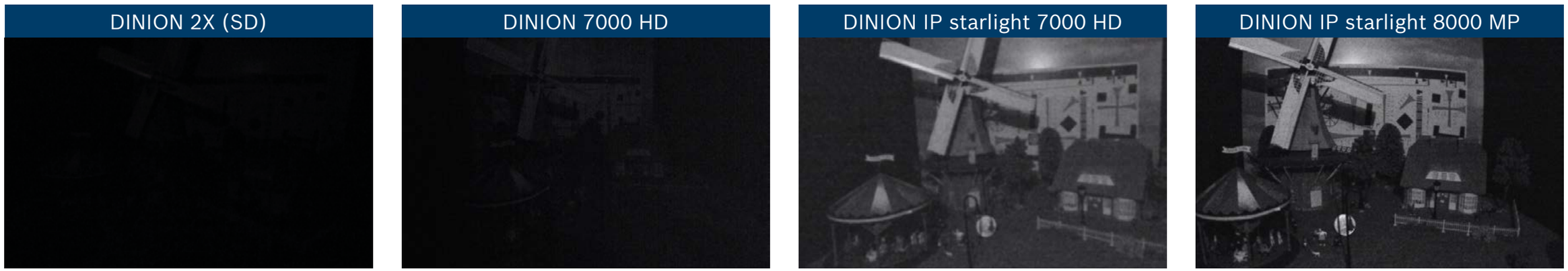
All starlight cameras offer best-in-class light sensitivity, excellent wide dynamic range, and superb front and back light compensation. They can capture amazing images in fine detail (up to 5 megapixel resolution) even in extremely low-light. The latest sensor technology, combined with sophisticated noise suppression, results in an amazing sensitivity. Depending on the camera model, starlight technology enables highly detailed color images to be captured in scenes with minimum ambient light (down to 0.00825 lx).

Even when light levels drop to 0.00275 lx, the latest DINION IP starlight 8000 MP camera still provides highly detailed 1080p monochrome images, where others typically fail to deliver any image at all. And with its incredibly high frame rate of 30 frames per second, you can capture fast moving objects in high resolution.

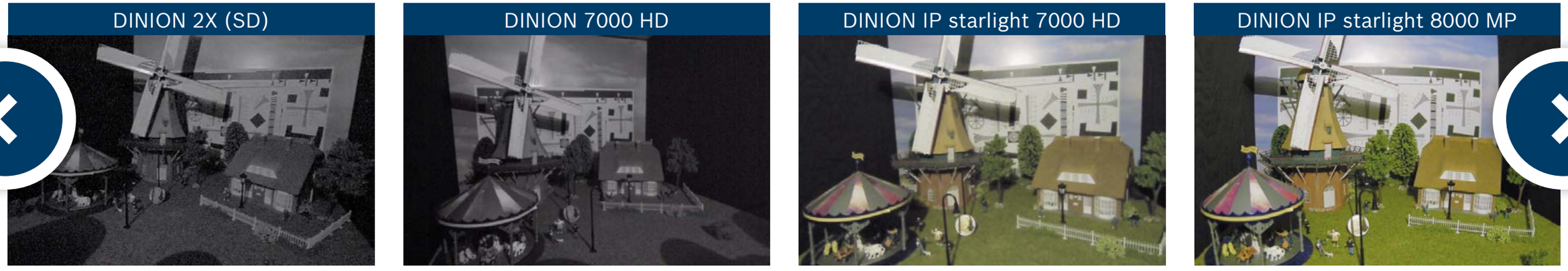
The DINION IP starlight 8000 MP captures images at 5 megapixel resolution even under extreme low-light conditions, giving amazing images in fine detail. With a remarkably high frame rate of 30 frames per second, you can capture fast moving objects in high resolutions regardless of the lighting conditions or time of day. The camera produces multi-megapixel full-color video in near darkness, and delivers detailed monochrome images where other cameras show no image at all.

starlight

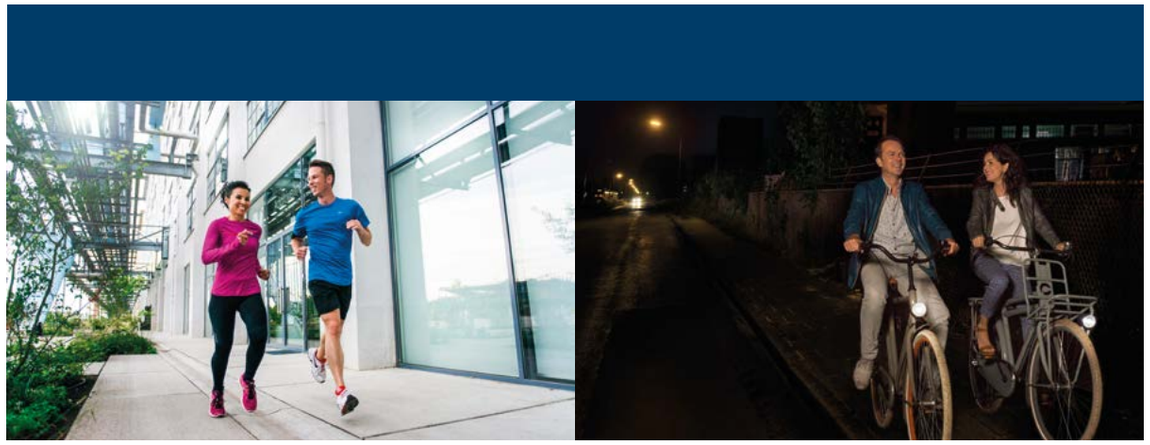
DINION IP starlight 8000 MP versus other Bosch IP cameras in extreme low light



DINION IP starlight 8000 MP versus other Bosch IP cameras in low light (dawn)



Watch the
starlight movie



Excellent performance day and night

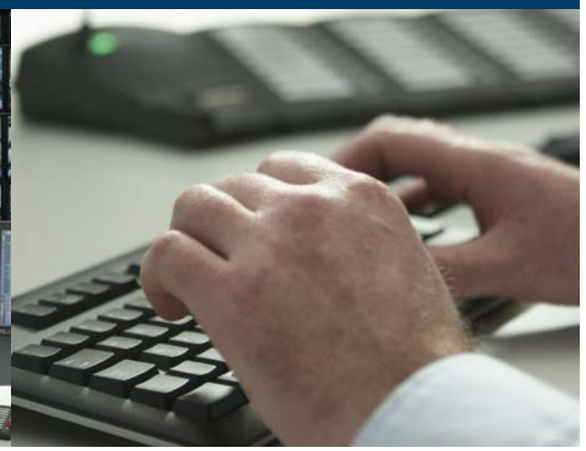
Intelligent at the edge means delivering relevant images, at the relevant time, to the relevant place. The starlight cameras, like all our IP cameras, are equipped with Content Based Imaging Technology to ensure the highest quality of relevant IP images anytime, anywhere. Captured images are tailored to the scene. The camera settings are continuously and dynamically adjusted for movement, varying light intensity, and back and front light fluctuations. This ensures intelligent tracking and perfect exposure of objects of interest while keeping bitrate low. Most starlight models feature Intelligent Auto Exposure (IAE) for a perfect exposure everytime. IAE offers superb front and back light compensation by automatically adapting to changing light conditions. In combination with starlight technology, these cameras offer full HD color images in the dark.

Watch the **IAE movie**

Raising the bar in data management

More details and pixels means more data, which in turn means more storage capacity and a higher network load. We minimize this data by providing only relevant information. Intelligent Dynamic Noise Reduction (IDNR) effectively distinguishes between noise and relevant information such as movement to reduce bitrate by up to 50%. Reducing noise at the source during image capture significantly reduces storage costs and network strain without compromising video quality.

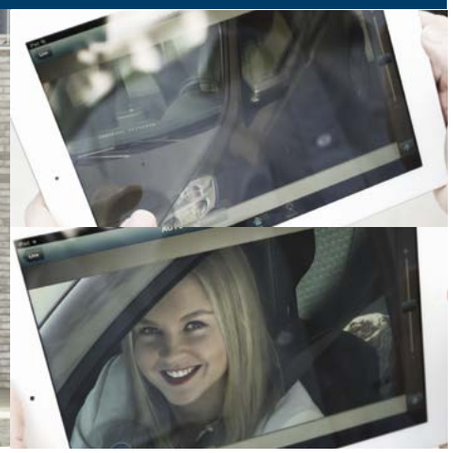
Watch the **IDNR movie**



Adding sense and structure

Intelligent Video Analysis (IVA) alerts you when needed, and helps you quickly retrieve the correct data. It makes complex tasks easy and minimizes false alarms by smartly combining a set of IVA rules. IVA uses metadata to add sense and structure to your video for fast and efficient retrieval of relevant images from hours of recorded material. A fail-proof way to gather irrefutable forensic evidence or optimize business processes based on, for example, people counting or crowd density information.

Watch the
IVA movie



24/7 remote access and camera control

Since you cannot be everywhere all the time, the starlight cameras are fully supported by the Dynamic Transcoding technology from Bosch. Use the Video Security app on your mobile device to access camera controls, live video streams and HD images anytime from anywhere regardless of the available bandwidth.

Watch the
Dynamic Transcoding movie

The starlight family

Fixed IP cameras:	
DINION IP starlight 7000 HD	HD 720p at 60 frames per second
DINION IP starlight 8000 MP	5 megapixel at 30 frames per second

Fixed IP domes:	
FLEXIDOME IP starlight 7000 VR	Vandal resistant, HD 720p at 60 frames per second
FLEXIDOME IP starlight 7000 RD	Extremely ruggedized, HD 720p at 60 frames per second

Moving IP cameras (PTZ):	
MIC IP starlight 7000 HD	HD 720p at 60 frames per second
AUTODOME IP starlight 7000 HD	HD 720p at 60 frames per second

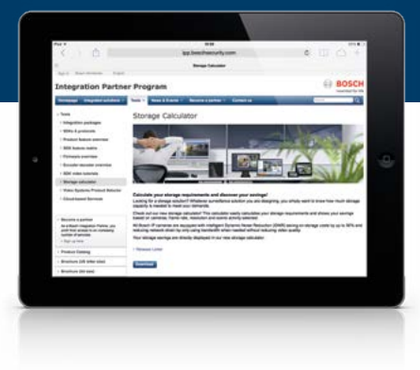
Specialty cameras:	
EXTEGRA IP starlight 9000 FX	Explosion proof, HD 720p at 60 frames per second

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

Version : August 2015

Bosch Security Systems
To learn more about Video Systems,
please visit www.boschsecurity.com/hdsecurity

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