

**Our focus is** on providing images containing only relevant information  
Content Based Imaging Technology



**BOSCH**  
Invented for life



# Providing images containing only relevant information

All Bosch IP cameras are equipped with our Content Based Imaging Technology (CBIT) to ensure the highest quality of relevant IP images anytime, anywhere. Captured images are tailored to the content of the scene. Depending on movement, varying light intensity, and back and front light fluctuations, the camera settings are continuously and dynamically adjusted. This ensures intelligent tracking and perfect exposure of objects of interest while keeping bitrate at the lowest level. Consequently your storage costs and network strain are reduced significantly without compromising video quality. With, CBIT, our focus is on satisfying IP video surveillance applications with ever increasing needs for more detail.

Depending on the camera model, CBIT offers 3 main features: intelligent Dynamic Noise Reduction (iDNR), intelligent Auto Exposure (iAE) and intelligent Tracking. With iDNR, our focus is to significantly reduce storage costs and network strain by only using bandwidth when needed. Intelligent Auto Exposure (iAE) accounts for superb front and backlight compensation, providing you with the perfect exposure every time. While intelligent Tracking helps you never to lose track of objects of interest. Some Bosch cameras, like the AUTODOME IP 7000 and MIC IP 7000 series, also include an intelligent de-fog feature. This ensures that the camera's visibility is significantly improved when viewing foggy or other low contrast scenes. Our focus is on providing images containing only relevant information, ensuring the highest quality IP video images with the lowest costs and network load.



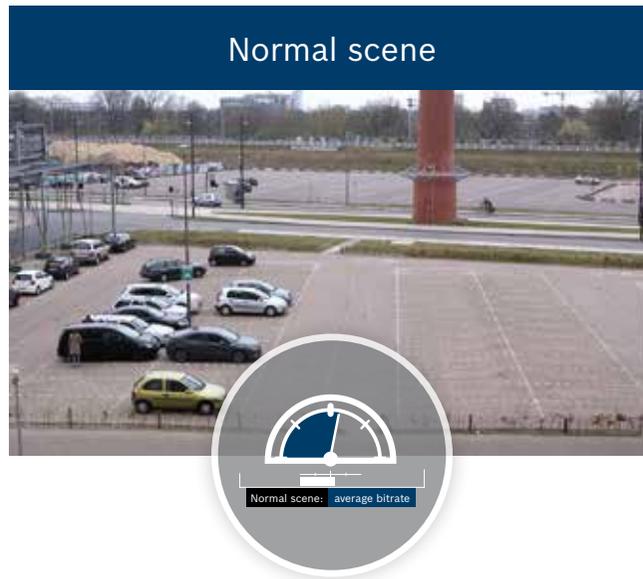
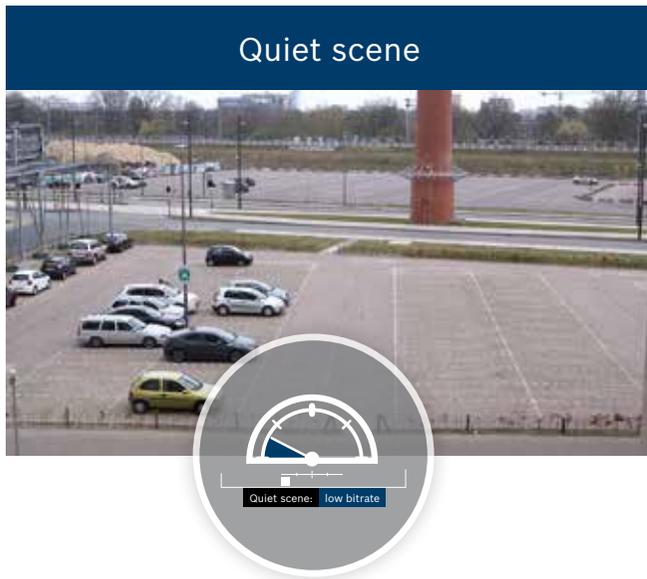


## **Our focus is...**

...to reduce storage costs and network strain without compromising video quality.

...to provide you with perfect exposure every time.

...never to lose track of objects of interest.



## Reducing storage costs and network strain without compromising video quality

Quiet scenes with little or no movement require a lower bitrate. By intelligently distinguishing between noise and relevant information, such as movement, intelligent Dynamic Noise Reduction (iDNR) reduces bitrate by up to 50%. Because noise is reduced at the source during image capture, the lower bitrate does not compromise on video quality. With iDNR, our focus is to significantly reduce storage costs, and lessen network strain by only using bandwidth when needed.



# Providing you with perfect exposure every time

## Intelligent Auto Exposure

Fluctuations in backlight and front light can ruin your images. To achieve the perfect picture in every situation, intelligent Auto Exposure (iAE) automatically adjusts the exposure of the camera. It offers superb front light compensation and incredible backlight compensation by automatically adapting to changing light conditions.

## Intelligent de-fogging

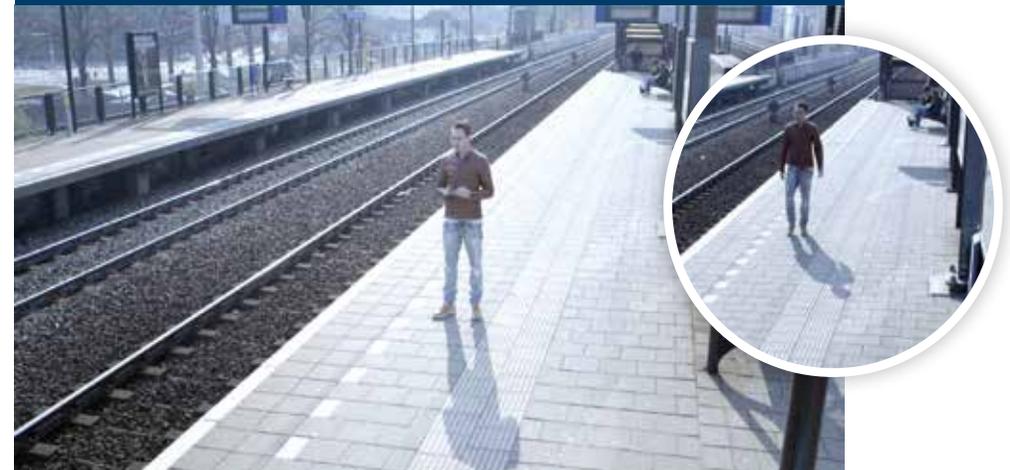
When viewing foggy or other low contrast scenes, intelligent de-fog ensures that the camera's visibility is significantly improved. Depending on your needs, this feature can be active continuously or automatically activated using built-in video analytics. If the camera detects fog the image contrast is automatically adjusted ensuring improved visibility. As soon as normal viewing conditions return the camera settings are automatically re-adjusted again.

With these techniques, our focus is to provide you with perfect exposure every time.

Superb front light compensation



Incredible backlight compensation



Intelligent tracking of moving objects



Distinguishing between single and multiple reference points



Uninterrupted tracking of objects



## Never to lose track of objects of interest

In video surveillance, moving objects are usually the most significant objects of interest. Intelligent Tracking (iTracking) automatically tracks moving objects based on predefined alarm rules or a simple click. By intelligently distinguishing between single and multiple reference points, iTracking provides uninterrupted tracking with optimal image capture by dynamically adjusting the field of view. With iTracking, our focus is never to lose track of objects of interest.



# Maximum peace of mind

Providing the highest quality of IP video images means offering a powerful product platform capable of delivering the highest performance and quality while ensuring maximum peace of mind. We call this our Common Product Platform (CPP). All IP products that share the same platform are easily maintained, backward compatible over multiple generations and future proof due to the possibility of enhancing or adding new features via firmware updates that enable feature enhancements. Only one firmware is needed for all products, reducing maintenance costs substantially and enabling easy integration into 3rd party software and recording solutions. With CPP, our focus is to ensure maximum peace of mind.



## **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.

### **Bosch Security Systems**

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

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