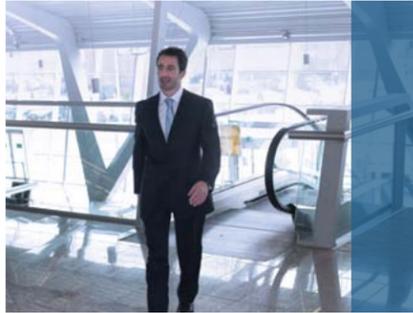


### A Tradition of Quality and Innovation

For over 100 years, the Bosch name has stood 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.



## Uncompromising Vision

### DINION and FLEXIDOME HD 1080p High Dynamic Range cameras



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## DINION and FLEXIDOME

### HD 1080p High Dynamic Range cameras

Looking for the optimum surveillance camera for challenging, detail-rich, high-contrast security surveillance? Look no further!

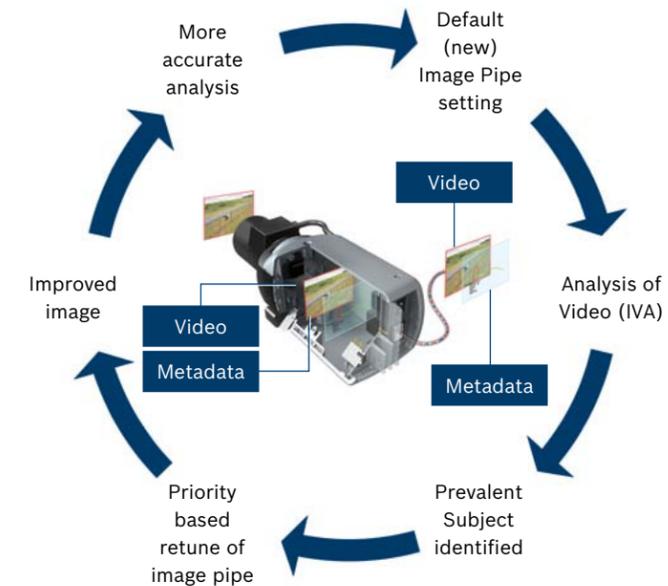
The DINION and FLEXIDOME high dynamic range cameras from the Bosch HD portfolio deliver all the detail you'll need for your safety and security applications. High dynamic range operation and content-based imaging allow these cameras to deliver perfect video in scenes with extremely bright and dark areas and to enhance the detail of the most important parts of the scene.

#### Imaging in highlights and shadows

One of the biggest challenges for any security camera is to capture details in scenes with extremely high contrast, such as back-lit entrances and doorways or looking into or out of a tunnel. The new DINION and FLEXIDOME HDR cameras are the most suitable cameras for such installations. Designed using the latest HDR sensor with multi exposure technology, these HDR cameras capture all the details in both the shadows and highlights of scenes.

#### Content based Imaging

The DINION and FLEXIDOME HDR cameras use state-of-the-art Intelligent Video Analysis software (IVA) to detect objects of importance and track their movements. To take further advantage of IVA, a special mode called intelligent auto exposure (iAE) can be enabled in the camera. When this is used, the camera detects important objects such as faces, people and vehicles and then dynamically re-tunes its imaging settings to ensure the most useful, highly detailed image is captured.



#### More details, less bandwidth

The intelligence embodied in the cameras also reduces bandwidth and storage requirements. The intelligent digital noise reduction (iDNR) feature is driven by content analysis of the scene. It optimizes bandwidth by dynamically tuning the degree of noise reduction based upon an analysis of important objects moving through the camera's field of view. When nothing important is happening, bandwidth is minimized, and when an important object is detected, the bandwidth increases to eliminate motion blur and capture maximum details.

# DINION and FLEXIDOME

## HD 1080p HDR cameras



'Region of interest' capability means that operators can see an overview of a large work-area and digitally zoom in on a detail.

### Region of interest

The entire imaging pipeline, from lens to image processing, ensures video quality stays sharp right to the edge. Operators can digitally zoom in to any part of a scene to examine specific details, such as a person's face or a car license plate, without losing clarity. Moreover, configurable regions of interest allow different parts of the scene to be individually streamed as virtual cameras, even to separate locations.

### Quick and easy installation

Quick start-up and a user-friendly interface make installation simple, while the camera's Power over Ethernet capability means no additional power supplies are needed. You also get the sharpest image the first time thanks to our best-in-class motorized auto-back-focus.

What's more, pre-configured user modes, such as low light and traffic, enable you to set the camera to the best settings for your application. Simple and effective, this ensures best camera performance at the click of a button.

All Bosch IP cameras come with our Bosch Video Client (BVC) software, allowing very easy live viewing, playback, forensic search and export. Up to 16 cameras can be configured and operated free of charge while a license upgrade supports up to 128 cameras.

Features	Benefits
Superior imaging performance	Shows the most useable image for the scene even in mixed lighting or low light conditions
HDR performance delivers an outstanding dynamic range	Simultaneously view bright and dark areas of a scene
Bosch IVA with face detection delivers optimized exposure for faces	See faces clearly even when subject is brightly backlit
'Region of interest' capability	Select parts of a scene and send as separate streams
Local SDXC storage (up to 2 TB cards), iSCSI and ANR support	Increased system reliability, guarding against loss of video in the event of network failures
ONVIF Profile S conformance	Interoperability with third-party systems

**Built-in durability and flexibility**

For maximum installation flexibility the FLEXIDOME HDR ruggedized dome camera comes with a choice of pre-installed high quality telephoto, mid-range and ultra-wide-angle lenses. Each lens is specifically matched to the sensor to ensure full resolution even in the corners. The 1.8 to 3 mm optically-corrected ultra-wide-angle lens provides outstanding performance without the need for de-warping software, delivering more coverage without distortion. The flexibility of the FLEXIDOME HDR ruggedized dome is further enhanced by a comprehensive set of mounting options including surface, wall, corner, and suspended-ceiling mounting.

The enhanced imaging system, diverse mounting and lens options combined with the rugged environmental housing makes the FLEXIDOME HDR ruggedized dome the right choice for challenging installations such as: railways, airports, transportation hubs, industrial areas and the exterior of commercial and government buildings.



**Key applications (DINION and FLEXIDOME Ruggedized)**

- ▶ City surveillance and safety
- ▶ Railways, airports
- ▶ Tunnels
- ▶ Waterways and maritime environments
- ▶ High contrast scenes



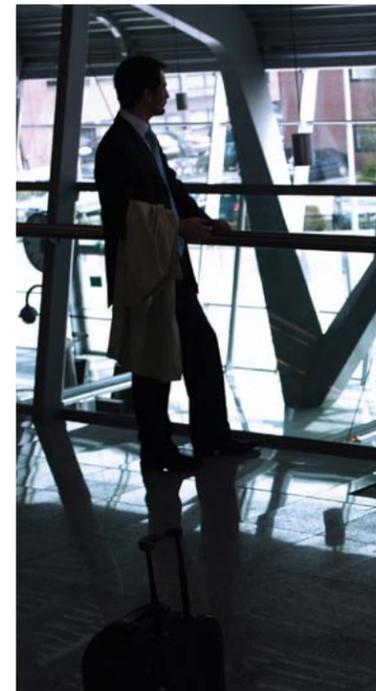
**DINION HD 1080p HDR cameras**

- ▶ Intelligent noise reduction to capture moving vehicles at night
- ▶ Extended operating temperature range for hot or cold climates



**FLEXIDOME HD 1080p HDR Ruggedized dome**

- ▶ Surveillance flexibility delivered through a selection of high quality lenses
- ▶ Carefully engineered to withstand vandalism and extreme weather



When you face challenging lighting conditions, you can rely on the DINION and FLEXIDOME High Dynamic Range cameras.

