


AUTODOME camera family

July 2014



BOSCH
Invented for life



Our focus is tracking of objects
of interest from every angle



Our focus is tracking relevant details of moving objects, 24/7

AUTODOME cameras bring imaging to the next level with improved sharpness, more accurate color reproduction and more detail in challenging lighting situations. From IP to analog, standard resolution to HD, indoors or out, we have the right moving camera for your surveillance needs.

IP cameras

AUTODOME IP cameras provide the highest quality of relevant video images, anytime, anywhere. Choose from standard resolution, 720p or 1080p high definition solutions designed for reliable surveillance, regardless of lighting conditions.

Analog cameras

Choose a full-featured camera with 550 TVL resolution or select one of the most cost-effective 960H moving cameras available.

24/7 remote access and camera control

Dynamic Transcoding delivers smooth live video and access to HD images when needed, regardless of available bandwidth. Use the free Video Security app on your mobile device to access camera controls, live video streams, and HD images. This gives you full camera access and control everywhere, and at any time.

The AUTODOME IP cameras are fully supported by Dynamic Transcoding in combination with either one of the Bosch DIVAR IP recording solutions or a Bosch VIDEOJET.



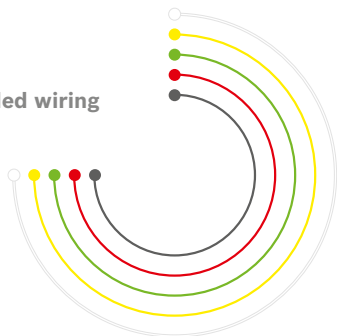


Designed for ease

The cameras are exceptionally easy to install. Pre-terminated, color-coded wiring and a quick connect system between the camera and mount make AUTODOME cameras faster to install than other pan-tilt-zoom dome cameras. High Power over Ethernet provides power directly to IP models without additional cabling.

AUTODOME IP cameras work seamlessly with a wide range of security software and recording solutions from Bosch and many other industry providers. This is backed by ONVIF conformance and the Integration Partner Program (IPP), which gives developers immediate access to software development tools to easily integrate Bosch products with third-party systems.

Pre-terminated, color-coded wiring



Tested tough for reliability

The most comprehensive and rigorous battery of endurance tests in the industry assures AUTODOME cameras deliver years of reliable operation. Housings resist vandalism, water ingress, corrosion, ultraviolet rays, and impact. A heater/blower prevents fogging down to -40°F (-40°C).



“360 degree rotation offers true motion tracking of objects of interest”

AUTODOME IP range of cameras

AUTODOME IP cameras offer 1080p, 720p or SD resolution. The high definition models deliver enhanced safety and security whether capturing video in stable lighting, harsh sunlight or in extreme low light. You get round-the-clock protection regardless of lighting condition.



AUTODOME IP starlight 7000 HD

Get HD video images in extreme low light situations and capture moving objects in 720p HD resolution at up to 60 frames per second. The latest sensor technology combined with the sophisticated noise suppression results in a light sensitivity of 0.052 lux in color mode and even 0.0103 lux in monochrome mode. The camera produces full color images in the dark beyond the point where other cameras have turned to monochrome images. Where others show no image at all, it still delivers detailed monochrome images.

AUTODOME IP dynamic 7000 HD

Full 1080p HD resolution, wide dynamic range and intelligent backlight compensation technology ensure that moving objects or those of interest are enhanced and can be easily identified in scenes with simultaneously bright and dark areas, which typically challenge standard cameras.

AUTODOME IP 7000 HD

This 1080p camera with 20x zoom is ideal for areas with stable lighting. Progressive scan digital imaging provides sharp video even when moving objects are present.

AUTODOME IP 7000

This standard definition camera offers SD resolution and a choice of 28x or 36x optical zoom lens.

Content Based Imaging Technology


All AUTODOME IP 7000 cameras feature Content Based Imaging Technology. 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.

Perfect exposure every time

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

Reducing storage costs and network strain

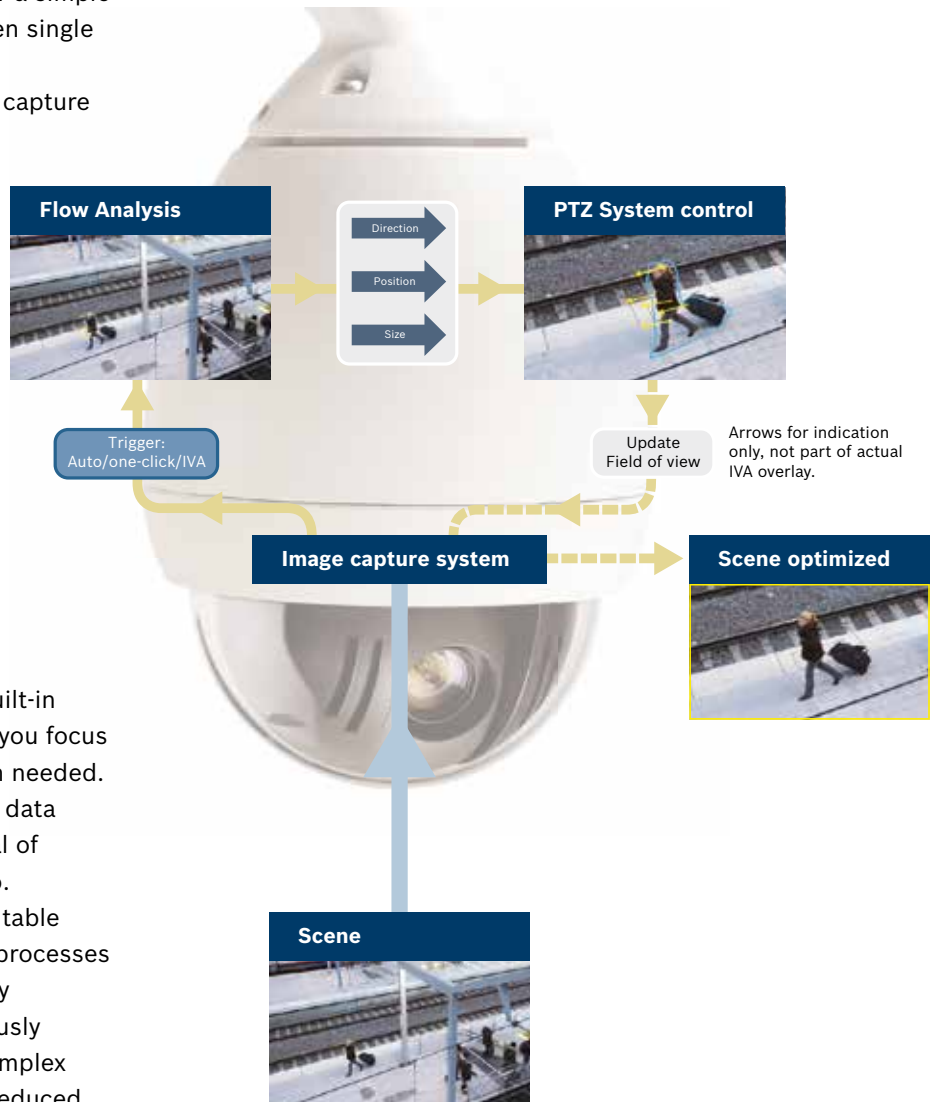
Quiet scenes with little or no movement require a lower bitrate. By intelligently distinguishing between noise and relevant information, such as movement, intelligent Dynamic Noise Reduction (iDNR) reduces bitrate by up to 50 percent. Because noise is reduced at the source during image capture, the lower bitrate does not compromise on video quality.



**“providing images
that contain only
relevant information
with the lowest costs
and network load”**

Never lose track of objects of interest

Intelligent Tracking automatically tracks moving objects based on predefined alarm rules or a simple click. By intelligently distinguishing between single and multiple reference points, it provides uninterrupted tracking with optimal image capture by dynamically adjusting the field of view.



Advanced Intelligence

The AUTODOME IP 7000 family features built-in Intelligent Video Analysis (IVA). This helps you focus on relevant situations by alerting you when needed. IVA also adds sense and structure to video data through metadata – allowing quick retrieval of relevant images from hours of stored video. Metadata can also be used to deliver irrefutable forensic evidence or to optimize business processes based on people counting or crowd density information. With the ability to simultaneously combine 8 of the 15 available IVA rules, complex tasks are made easy and false alarms are reduced to a minimum.

Key Applications:

- ▶ Traffic and transportation
- ▶ Industrial sites
- ▶ Government facilities
- ▶ Parking garages



AUTODOME IP compact cameras

AUTODOME junior HD and AUTODOME Easy II IP are half the size of our standard AUTODOME IP cameras, making them ideal for environments that require discreet surveillance.

AUTODOME Easy II IP

Suited for indoor or outdoor locations, these affordable standard definition cameras deliver uncompromised functionality and performance at a very affordable price.



AUTODOME junior HD

Full HD 1080p resolution and 10x optical zoom provide increased awareness and easier identification. They are available in pan-tilt-zoom or fixed dome versions for indoor areas where both aesthetics and discreet surveillance are important.

Key Applications:

- ▶ Retail
- ▶ Banking
- ▶ Schools
- ▶ Commercial buildings



AUTODOME

Analog range of cameras

Analog Cameras are good for standard resolution applications, day and night, all using our superior imaging technology. Our 960H range serves as the bridge between standard resolution and high definition solutions, making 960H the best option for ultra-high resolution video without switching to IP.

Key Applications:

- ▶ Education
- ▶ Retail
- ▶ Hotels
- ▶ Government facilities



They capture more pixels per target object for a maximum sensor resolution of 720 TVL – the highest available for the PAL and NTSC standard. Ideal for capturing fine scene details, they are capable of producing video images with 30 percent higher resolution than previous generation 760H analog sensors.

With AUTODOME AN 4000 and AUTODOME AN 5000, Bosch offers the most cost-effective 960H moving camera solutions on the market. These true day/night cameras feature wide dynamic range technology to deliver detailed images even in challenging high-contrast scenes. Outdoor housings are rated to IP66 for uncompromised functionality in dusty or wet environments.



AUTODOME AN 5000

AUTODOME AN 5000 offers 36x optical zoom for an extended monitoring range. Its SensUp technology automatically slows shutter speeds and increases camera sensitivity for crisper images in scenes with fading light.

AUTODOME AN 4000

AUTODOME AN 4000 is a very affordable rugged mini dome with 30x optical zoom. It is 20 percent smaller than most other compact domes, making it ideal for discreet surveillance indoors and out.



**“Simply the best
quality analog images
from every angle.”**



AUTODOME 600 Analog

The powerful AUTODOME 600 cameras feature 550 TVL and 28x or 36x optical zoom for an increased monitoring range. High performance, progressive scan digital imaging delivers sharp video even when moving objects are present.

Key Applications:

- ▶ Transportation
- ▶ Commercial
- ▶ Education
- ▶ Gaming



Feature overview

IP cameras

AUTODOME IP starlight 7000 HD

- ▶ 720p @ 60 fps
- ▶ 30x optical/12x digital zoom
- ▶ intelligent Dynamic Noise Reduction (iDNR)
- ▶ intelligent Tracking
- ▶ Built-in storage
- ▶ In-ceiling and indoor/outdoor pendant
- ▶ Intelligent Video Analysis
- ▶ Extreme low-light sensitivity

AUTODOME IP dynamic 7000 HD

- ▶ 1080p @ 30 fps
- ▶ 30x optical/12x digital zoom
- ▶ intelligent Dynamic Noise Reduction (iDNR)
- ▶ intelligent Tracking
- ▶ Built-in storage
- ▶ In-ceiling and indoor/outdoor pendant
- ▶ Intelligent Video Analysis
- ▶ Wide Dynamic Range (90dB)

AUTODOME IP 7000 HD

- ▶ 1080p @ 30 fps
- ▶ 20x optical/12x digital zoom
- ▶ intelligent Tracking
- ▶ Built-in storage
- ▶ In-ceiling and indoor/outdoor pendant
- ▶ Intelligent Video Analysis

AUTODOME IP 7000

- ▶ 480p @ 30 fps
- ▶ 28x, 36x optical/12x digital zoom
- ▶ intelligent Tracking
- ▶ Built-in storage
- ▶ In-ceiling and indoor/outdoor pendant
- ▶ Intelligent Video Analysis

AUTODOME junior HD

- ▶ 1080p @ 30 fps
- ▶ 10x optical/16x digital zoom
- ▶ Intelligent Video Analysis
- ▶ AutoTrack II motion detection
- ▶ Indoor and outdoor models

AUTODOME Easy II IP

- ▶ 480p @ 30/25 fps
- ▶ 10x optical/16x digital zoom
- ▶ Intelligent Video Analysis
- ▶ AutoTrack II motion detection
- ▶ In-ceiling and indoor/outdoor pendant

Analog cameras

AUTODOME AN 5000

- ▶ 720 TVL (960H)
- ▶ 36x optical/12x digital zoom
- ▶ Day/night
- ▶ Indoor/outdoor models

AUTODOME AN 4000

- ▶ 720 TVL (960H)
- ▶ 26x optical/10x digital zoom
- ▶ Day/night
- ▶ Indoor/outdoor models

AUTODOME 600

- ▶ 550 TVL
- ▶ 28x, 36x optical/12x digital zoom
- ▶ Wide Dynamic Range (92dB)
- ▶ AutoTrack II motion detection
- ▶ In-ceiling and indoor/outdoor pendant

A Tradition of Quality and Innovation

For over 125 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.

Bosch Security Systems

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