Reveal every detail with FlexiDome 2X and Dinion 2X

BOSCH

Invented for life

Reveal more details in your surveillance images with **FlexiDome and Dinion cameras**

When clarity counts, rely on Bosch cameras to provide the best level of detail to match your application and budget. We understand high performance CCTV surveillance and our products consistently incorporate the latest advances to satisfy your needs.

Whatever your surveillance application demands, there's an ideal solution in our award-winning FlexiDome and Dinion families of analog cameras. This comprehensive range includes our advanced Dinion 2X models together with the high-performance DinionXF and professional-standard Dinion cameras. You have a choice of color or monochrome options, as well as complete FlexiDome cameras incorporating the same unparalleled technology.

Dinion 2X

Dinion

DinionXF

Just as video capture mixes red, green and blue to make white light, you can mix Dinion fixed cameras and FlexiDome dome cameras to cover every area of your facility – indoors and outdoors – and reveal every detail.

FlexiDome 2X and Dinion 2X
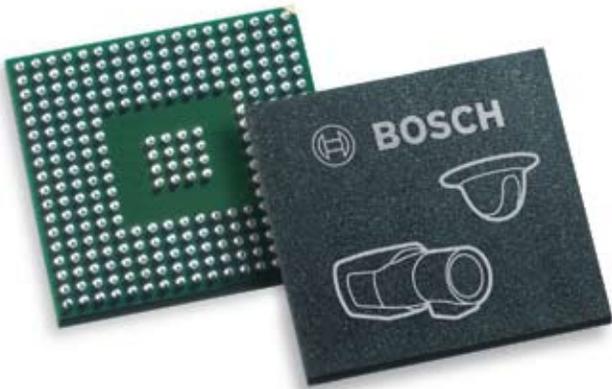# **The clearest images, day or night**

Even in the harshest lighting conditions, the flagships of our camera lines – the FlexiDome 2X and Dinion 2X – give you the highest level of image quality. We have engineered these cameras to perform flawlessly in natural and artificial light so you always get the best results. Strong backlighting, high-contrast or low-light scenes – the 2X cameras handle it all with ease and expose details not visible to the naked eye.

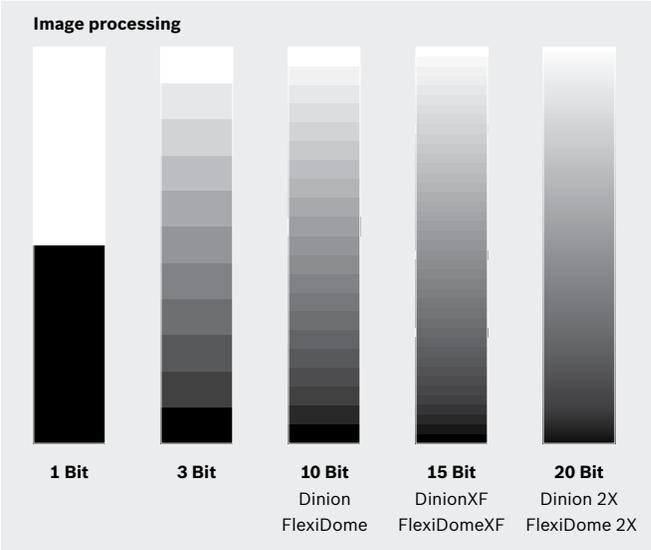**The next generation of image quality**

Dinion 2X and FlexiDome 2X are the newest generation of Bosch's industry-leading image capture solutions. Each builds upon the achievements of the Dinion and FlexiDome families which redefined the standards for image quality, first with 10-bit, then 15-bit image processing.

Now the 2X generation with 20-bit technology raises the bar even higher and delivers on the promise of revealing every detail – even in difficult settings and low light.

FlexiDome Series

Bosch's innovative 2X Digital Signal Processing chip combines dual sensor exposure and wide dynamic range performance to deliver the world's first 20-bit image processing for outstanding results in every setting.

Image processing

1 Bit	3 Bit	10 Bit	15 Bit	20 Bit
		Dinion	DinionXF	Dinion 2X
		FlexiDome	FlexiDomeXF	FlexiDome 2X

FlexiDome 2X
Tough-as-nails domes with 20-bit processing

Are you looking for a dome camera that produces the highest quality surveillance images? The FlexiDome 2X Day/Night is the solution for you. It combines the precise performance of our advanced 2X 20-bit processing and wide dynamic range sensor with a rugged, stylish dome.

Tough enough for almost any application
From arctic temperatures to blazing sun or heavy rain, the FlexiDome 2X handles it all, easily coping with rough treatment in tough locations.

Clear imaging in difficult lighting conditions
Strong backlighting or high contrast scenes are no problem, thanks to the camera's wide dynamic range. Low light situations are handled easily, ensuring high-quality image capture day or night.

Compensates for backlighting with Smart BLC

Completely sealed against water, dust and other contaminants

VDN-498 FlexiDome 2X camera ▶

Stands up to attack with impact-resistant bubble

Privacy masking can hide sensitive scene content

Capture nighttime scenes with amazing detail with FlexiDome's infrared illumination sensitiviy

► **Enhanced low-light performance**
Capture what the human eye cannot see with
Bosch's 2X DSP technology, wide dynamic range and
20-bit digital image processing

► **More detail in harsh lighting conditions**
Data from the highest light and lowest light image
sources is analyzed pixel by pixel and combined to
produce the most detailed picture possible

► **Guaranteed performance around the clock**
Get clear imaging 24/7 with 2X image processing that
dynamically adapts to scene changes and infrared
illumination that boosts nighttime performance
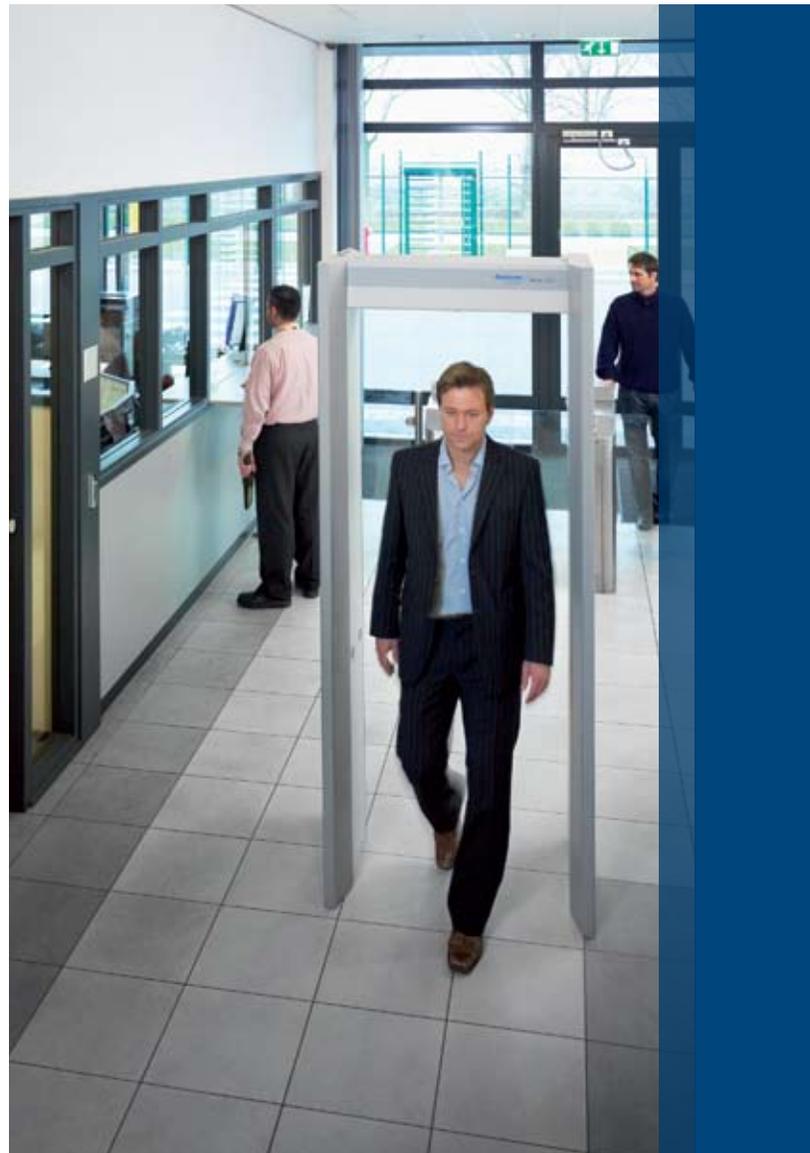
► **Stands up to the elements**
Resist damage from wind, rain and flying debris plus
attempts at tampering or breaking the housing

► **Complete package convenience**
Get an attractive, rugged dome, advanced 2X
camera and choice of optimized, high-speed lens
in one package

**The field-proven endurance of
FlexiDome is ideal for:**
► Foyers and lobbies
► Warehouses and loading docks
► Prisons and correctional facilities
► Airport baggage and storage areas
► Stadiums

FlexiDomeXF
Perfect performance indoors and out

FlexiDomeXF offers a subtle profile, the ruggedness of a dome and the performance of the renouned DinionXF camera. This compact, integrated dome solution is available in a range of models tough enough for almost any environment, yet attractive enough to be mounted in any location.

FlexiDomeXF stands strong in harsher conditions and resists wind, rain, flying debris and tampering in:

- ▶ Stairwells and staircases
- ▶ High-security storage such as bank vaults
- ▶ Indoor parking structures
- ▶ Hotels, bars and nightclubs
- ▶ Hospitals and medical centers

- ▶ **Sharp images, whatever the lighting**
  Capture movement accurately without blurring and maintain full image sensitivity in low-light conditions using default shutter
- ▶ **Clearer detail where it matters most in the image**
  Adjust for deep shadows with programmable backlight compensation

Excellent 15-bit image quality

VDC-485 FlexiDomeXF camera ▶

Capture fast-moving objects with default shutter

FlexiDomeXT+ and FlexiDomeVF
Subtle surveillance virtually anywhere

FlexiDomeXT+ combines award-winning Dinion imaging quality and outstanding reliability in a tough-as-nails dome. Or choose our FlexiDomeVF model as the ideal indoor alternative.

FlexiDomeXT+ and FlexiDomeVF offer worry-free imaging for:

- ▶ Museums and art galleries
- ▶ General surveillance in shopping centers and malls
- ▶ Offices
- ▶ Hallways and corridors
- ▶ Schools, colleges and universities

- ▶ **More precise recognition**
  Achieve superior image quality with 540 TVL resolution
- ▶ **Expertly handle low light**
  Enhanced sensitivity with NightSense delivers more details in darkened settings

Better contrast with AutoBlack

VDC-455 FlexiDomeXT+ camera ▶

Patented design for viewing along a ceiling or surface

Selecting
the right FlexiDome

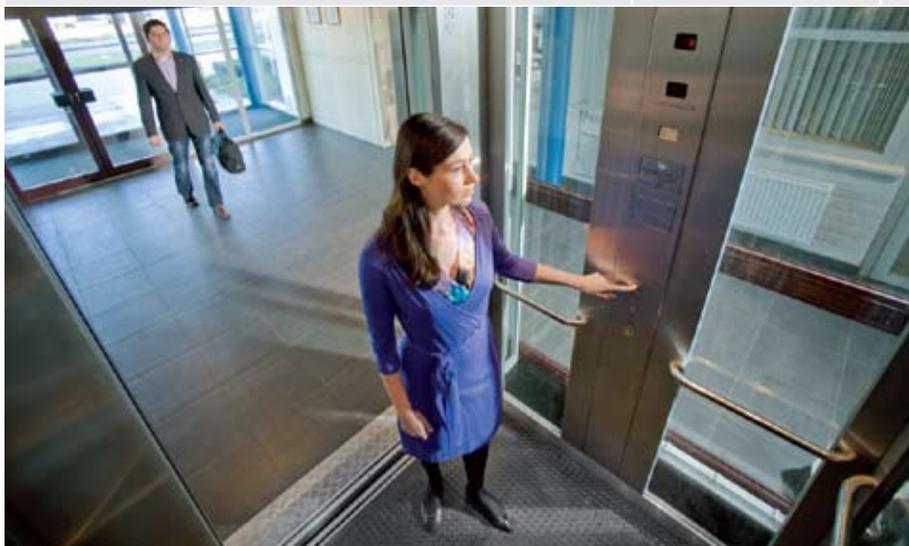| Applications	FlexiDome 2X	FlexiDomeXF	FlexiDomeXT+ and FlexiDomeVF
Elevators and entranceways Backlighting makes areas of interest dark and obscures details. Neutralize shadows with Smart backlight compensation (BLC).	✓		
Pedestrian and vehicle traffic Get the sharpest images where personal safety is at stake by combining wide dynamic range with color sensitivity.	✓		
Warehouse Critical details hide in shadows, making them difficult to see. Use Bosch cameras with XF-Dynamic to improve image capture and eliminate viewing problems.		✓	
Reception lobby High bursts of activity demand detailed, sharp pictures of the entire scene. Use Bosch cameras with 540 TVL resolution.			✓

High quality FlexiDome 2X camera image

Other cameras

Human eye

Dinion 2X **delivers optimal 20-bit imaging in natural and artificial light**

The flagship of the Dinion range, the 20-bit Dinion 2X Day/Night camera gives you a powerful solution capable of handling the most demanding lighting situations, 24 hours a day.

Everything about the Dinion 2X is designed to expose every possible detail in a scene:
▶ Smart compensation for backlighting
▶ Analyzes the image pixel by pixel for the best result every time
▶ Brings every detail into focus in both the dark and light parts of a scene with Bosch's 2X Dynamic image processing
▶ Produces clear images regardless of glare or shadows using Day/Night infrared contrast with unequaled IR sensitivity

Exposing details in the most extreme lighting
For every scene, the Dinion 2X generates two images to produce the clearest picture: one long exposure resolves details in the scene's darkest areas, while one short exposure captures the brightest areas. The digital signal processor then mixes pixels from each image to produce the most detailed picture possible.

High quality Dinion 2X camera image	Other camera

Smart BLC handles backlighting with ease

Images are enhanced pixel by pixel to reveal all the details

Privacy masking to hide sensitive scene content

▲ LTC 0498 Dinion 2X camera

Day/Night operation with switching IR filter

▶ **Enhanced low-light performance**
Capture what the human eye can't detect with
Bosch's 2X DSP technology, wide dynamic range and
20-bit image processing

▶ **More detail in harsh lighting conditions**
Reveal details for comprehensive, around-the-clock
surveillance and enhance the entire scene with Auto-
Black to boost the sharpness of each pixel

▶ **A smart solution to handle backlighting**
Automatically compensate for backlighting
with Smart BLC

Dinion 2X outperforms other cameras in:
▶ Outdoor perimeters
▶ Traffic monitoring
▶ Outdoor parking lots
▶ Ports
▶ Freight terminals
▶ Border control

DinionXF
High performance camera

DinionXF is the natural choice for high-performance professional surveillance systems. Its many image enhancement features ensure great performance and reliability straight from the box.

DinionXF cameras are ideal surveillance partners indoors or outdoors:
▶ City surveillance and public areas
▶ Public transportation
▶ Commercial and government buildings
▶ General warehouse surveillance

▶ **Vivid video images**
Capture more true-to-life images with the DinionXF's 15-bit processing power
▶ **Optimum image quality in any lighting**
Harsh light, low light or backlight – DinionXF conquers them all while delivering excellent results

Default shutter to capture fast moving objects

LTC 0485 DinionXF camera ▶

SensUp for improved sensitivity

XF Dynamic to reveal details in dark areas

Dinion camera
The professional performer

In locations well-illuminated by natural or artificial lighting, Bosch's 10-bit Dinion cameras are the right solution. A professional-standard CCTV camera that delivers crisp, clear pictures, Dinion gives you consistent, high-quality performance on which you can stake your surveillance.

540 TVL resolution

NightSense extends operational sensitivity

▶ **The picture stays bright in fading light**
Automatically switch from color to monochrome to preserve image quality using NightSense, which recognizes fading natural light
▶ **Details stay clear even when visibility is low**
Enhance picture contrast and counteract fog, glare, mist and smoke with AutoBlack

Typical Dinion application areas:
▶ Office spaces
▶ Service counters such as bank teller windows
▶ Gasoline stations and convenience stores
▶ Self-storage units

◀ LTC 0455 Dinion camera

AutoBlack to improve contrast

Putting your Dinion cameras **to work**

Applications	Dinion 2X	DinionXF	Dinion
Warehouse entrance/exit Bring out the details with our high-sensitivity solutions.	✓		
Perimeter fences Cameras must produce consistently clear images at night and in dark, shadowy environments. Our Day/Night feature is the right choice.	✓		
City surveillance Good-quality images in artificial lighting are critical to security staff and police.		✓	
Offices and service counters Affordable, effective surveillance for well-lit areas calls for Dinion performance and features.			✓

High quality Dinion 2X camera image

Other cameras

Human eye

Ready to start revealing all the details in your surveillance scenes?
Speak with your Bosch representative today or call 866-CCTV-REP.

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.