



# FlexiDome cameras

Perfect images in any location

Bosch FlexiDome solutions with superior Dinion camera performance



**BOSCH**  
Invented for life



FlexiDome brings domes to every application, inside or out



### FlexiDome camera selection guide

	FlexiDome <sup>VF</sup>	FlexiDome <sup>XT+</sup>	FlexiDome <sup>XF</sup>	FlexiDome <sup>DN</sup>
<b>Impact &amp; vandal-resistant</b>		•	•	•
<b>1/3-in CCD imager</b>	•	•	•	•
<b>540 TVL color resolution</b>	•	•	•	•
<b>15-Bit DSP Technology</b>			•	•
<b>XF-Dynamic – wide dynamic range</b>			•	•
<b>Day/Night – IR sensitivity</b>				•
<b>NightSense</b>	•	•	•	
<b>SensUp</b>			•	•
<b>Programmable BLC</b>			•	•
<b>Default Shutter</b>			•	•
<b>High Speed Lens</b>			•	
<b>Bilinx</b>	•	•	•	•
<b>Low temperature heater</b>		•	•	•
<b>IP66 and NEMA 4X rated</b>		•	•	•

# As tough as you need it

Think your environment is too demanding for a dome camera? Think again. From arctic cold to blazing hot sun, wind-driven dust storms or torrential rain, the FlexiDome family of dome solutions from Bosch handles it all. FlexiDome combines the award-winning performance of our exclusive 15-bit Dinion imaging technology in a range of domes tough enough for almost any condition, yet stylish enough to be mounted anywhere.

The combination of high-performance camera and rugged dome provide an unbeatable array of dome solutions that overpower the most demanding surveillance tests that you, Mother Nature and criminals can toss at them.



► Dinion 15-bit Technology



► 10-bit Technology

15-bit DSP technology can give you an image that is 32 times better than standard 10-bit cameras. This provides images which are more vivid and true-to-life. You'll see all the details making your security more efficient.



**540 TVL** high-resolution optics generate more TV lines than conventional CCTV cameras. That means sharper, more detailed images and easier identification.



► **XF-Dynamic** combines with 15-bit Dinion DSP technology to ensure exceptional video clarity, extending the dynamic range to a full 90 dB and maximizing image quality.



► **Programmable backlight compensation (BLC)** optimizes the area of interest so deep shadows and glare don't hamper image capture.



► **Day/Night** coverage provides top-of-the-line performance and infrared sensitivity around the clock.



► **Default shutter** lets the camera use a fast shutter speed to capture high-speed movement without any blurring.



► **SensUp** automatically compensates for low light levels, adjusting the shutter speed to maintain optimum contrast and boost color clarity.



► **Bilinx** controls, configures and updates over the video cable, eliminating downtime and simplifying routine maintenance.

# FlexiDome: smart surveillance goes anywhere

Bosch developed the family of FlexiDome cameras to give you the best in performance and installation flexibility without sacrificing capability in any way. Continuing the Bosch tradition of delivering practical innovations driven by customer requirements, we've expanded where these cameras perform by adding Dinion 15-bit digital image quality to an entire new series of FlexiDomes.

These compact, integrated solutions take dome cameras to places never before thought possible. What's more, they are extremely affordable. As complete solutions, they make system design and installation easier than ever. The wide variety of available options makes it easy to customize surveillance to every location's unique characteristics, from protected indoor locations to challenging lighting and the harshest outdoor conditions.



The FlexiDome family from Bosch provides a full range of dome cameras – from economical, indoor models to high performance, vandal-resistant styles – to meet the most challenging situations. All models in the

FlexiDome family share the same unique design, superlative picture quality and ease of installation. In addition, all models use the same award-winning Dinion digital signal processing (DSP) chip technology that makes these cameras perform so well.



# FlexiDome<sup>XF</sup> and FlexiDome<sup>DN</sup>

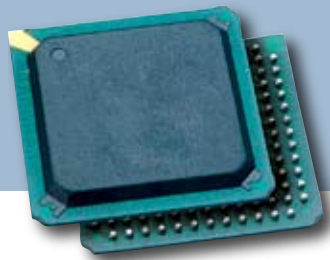
## Flagships of the FlexiDome family

The FlexiDome<sup>XF</sup> and FlexiDome<sup>DN</sup> cameras are the flagship of the family and achieve unsurpassed picture performance under even the most difficult light and environmental conditions through unique and innovative 15-bit digital video processing.

They also feature XF-Dynamic, which reveals details that other cameras cannot capture in ultra high-contrast scenes. The cameras' many other new image-enhancement features ensure the very best performance straight from the box. FlexiDome is the natural choice for advanced professional surveillance systems.

With the infrared sensitive FlexiDome<sup>DN</sup>, you can rely on the best picture quality around the clock – day or night – while a range of extra features help you cover the most complex of lighting situations.

- ▶ Uninterrupted performance – day and night
- ▶ Works in almost any lighting – no need to install expensive extra lighting
- ▶ Evidence you can use – infrared technology provides better images than what is possible with visible light
- ▶ View images in low lighting – see into darkened areas easily to detect suspicious activity or potential threats



### The leader in image quality

The FlexiDome cameras are built around Bosch's own Dinion DSP chip technology, which delivers performance that sets Bosch apart from all the rest.

# FlexiDome<sup>VF</sup> and FlexiDome<sup>XT+</sup>

## Clearly exceptional surveillance

Public venues with a broad mixture of bright lights and deep shadows need reliable, constant monitoring. The FlexiDome<sup>VF</sup> and FlexiDome<sup>XT+</sup> are legendary for their economical and sophisticated surveillance performance inside and outside large facilities such as warehouses, schools, rail and bus terminals or shopping malls. When the need arises, these FlexiDome models react quickly to capture tiny yet significant details with outstanding clarity, precision and image control, regardless of the ambient lighting.

The 540 TVL color resolution imaging keeps the scene in sharp focus while NightSense automatically switches from color to monochrome when lights dim after-hours. Bilinx lets you control and manage the cameras remotely through the video cable, keeping the cameras properly focused and working for you 24/7.

- ▶ Economical, dependable performance with exceptional image quality
- ▶ Automatically compensates for low light conditions
- ▶ Rugged yet unobtrusive for indoor (FlexiDome<sup>VF</sup>) or outdoor (FlexiDome<sup>XT+</sup>) applications

### Strong and Stylish

FlexiDome enclosures are designed and built to handle the extremes of the weather. The enclosure features a patented dome design that delivers the best optical performance, even when tilted to more than a 90° position. On the outside, a scratch resistant coating with UV block further improves the picture quality and eliminates refraction interference or seams.

The ultra-tough FlexiDome goes wherever surveillance is needed. It operates between -58°F and +122°F (-50°C and + 50°C) and is IP66 (NEMA 4X) rated for harsh conditions. These industry ratings assure you that the FlexiDome enclosure is weatherproof, dustproof, watertight and corrosion-protected. It will also withstand human attacks, thanks to its patented impact-resistant design, shock-resistant mountings, protective inner liner and tamper-proof housing.



Simply designed for easy installation and durability

Dome solutions that stand up to the harshest weather



FlexiDome brings domes to every application, inside or out



Backlighting and fast movement are no problem for FlexiDome



# Installation has never been easier

The entire family of FlexiDome camera solutions delivers high quality, dependable performance right from installation. While the cameras are designed to work in all types of challenging applications, Bosch has also included a host of installer-friendly features to simplify operation and maintenance.

- ▶ Cover the exact field of view with a range of varifocal lenses from super wide-angle to telephoto
- ▶ Fast, simple set-up using easy pan, tilt and horizon adjustments
- ▶ Lens Wizard provides optimal lens focusing, automatically adjusting for day and night-time lighting conditions without special tools or filters
- ▶ Wide power range from 12 VAC to 28 VDC
- ▶ Remote camera configuration and firmware updates directly over the video cable using Bilinx, making service calls less costly and eliminating the need for most on-site service
- ▶ Wide power range from 12 VAC to 28 VDC
- ▶ Optional UTP connectivity for simple integration with existing or new infrastructure requirements
- ▶ Mount the domes virtually anywhere

## Mount options



Surface or  
recessed mount



Corner mount



Pendant pipe mount



Pendant wall mount

## Leading in CCTV solutions

Bosch Security Systems continually raises the bar in surveillance solutions for commercial and residential applications, as the new FlexiDome family demonstrates. By incorporating the award-winning Dinion 15-bit digital signal processing technology, the FlexiDome cameras offer innovative solutions to the universal problem of continuous, dependable camera surveillance. Only Bosch gives you unbeatable performance in a go-anywhere dome camera.

## Tradition of quality and innovation

For over 100 years, the Bosch name has stood for quality and reliability. Bosch Security Systems proudly offers a wide range of fire, intrusion, CCTV, management and communication systems and components to help you find the solution for any application. We are the global supplier of choice for innovative technology backed by the highest level of service and support. When you need solutions you can rely on, choose Bosch.



### **Bosch Security Systems**

For more information please visit  
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