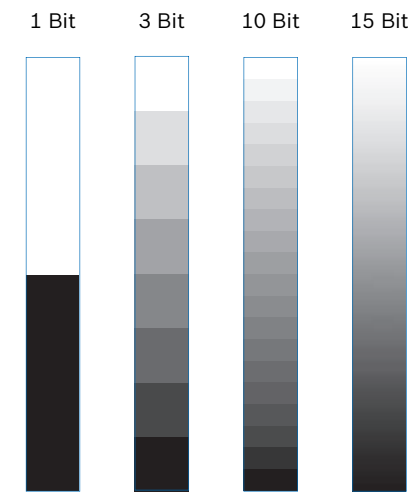


15-bit DSP CCTV camera for superb image generation



Thanks to its processing power, the Dinion^{XF} camera can process an image generated by the CCD image with 15-bit accuracy, where most digital CCTV cameras use only 10-bit processing or even less. This enables the Dinion^{XF} to provide a representation of the detected image that is 32 times better than standard 10-bit cameras. The displayed images are more vivid and true-to-life than any other CCTV camera. Until the Dinion^{XF}, this image quality could only be found in expensive professional broadcast cameras.

XF-Dynamic for the ultimate image quality



Without XF-Dynamic



With XF-Dynamic

XF-Dynamic is built on 15-bit processing technology, which extends the dynamic range, maximizing image quality. The unmatched accuracy of the detected CCD signal enables the camera's Digital Signal Processing to display images that reveal details in both the dark and highlighted areas of the scene simultaneously (see image using XF-Dynamic). XF-dynamic can be used with all lens types, including manual iris lenses. Unlike most other cameras, XF-dynamic works with SensUp (frame integration) and the Dinion^{XF} Day/Night camera using IR illumination.

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, social alarm, 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

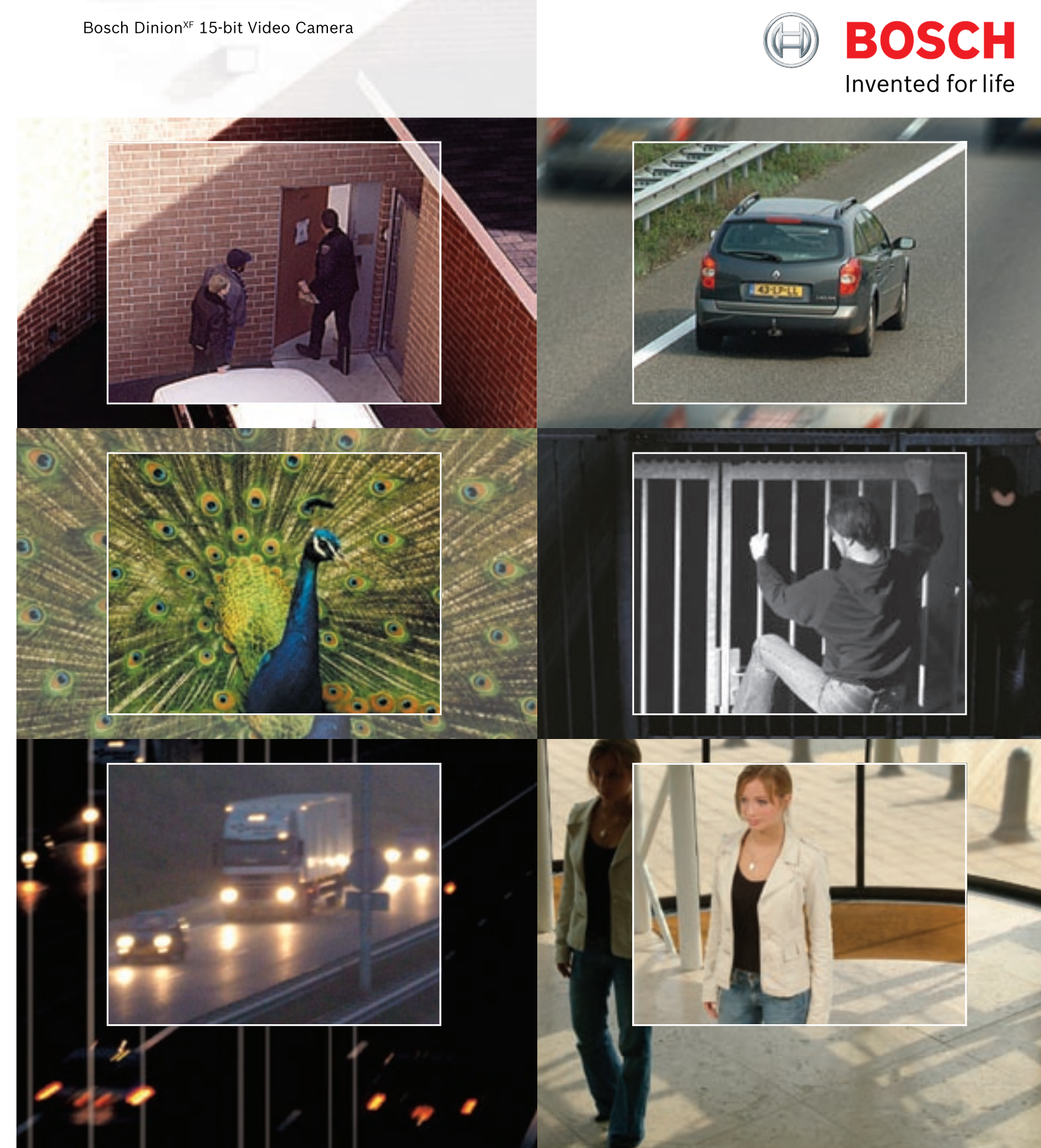
For more information please visit www.boschsecurity.com or send an e-mail to emea.securitysystems@bosch.com

All rights reserved
Printed in the Netherlands
VS-EH-en-01_4998145187_05



Dinion^{XF}
See the difference

Bosch Dinion^{XF} 15-bit Video Camera



Dinion^{XF} the high performance smart surveillance camera

- ▶ 15-bit DSP technology – providing the highest picture quality available
- ▶ XF-Dynamic – uses 15-bit technology to extend the dynamic range, maximizing image quality
- ▶ 24/7 coverage – ideal for use day and night, round the clock, guaranteed perfect performance
- ▶ Highest sensitivity in all lighting conditions – SensUp frame integration enhances sensitivity up to 10x while relying on ambient moonlight
- ▶ Default shutter – eliminates motion blur and maintains camera sensitivity
- ▶ Programmable backlight compensation – optimizes the area of interest
- ▶ BilinX – control, configure and update over the video cable



Dinion^{XF} – the flagship of the Dinion family



Identify passengers at the station with clear, detailed images



Monitor shoppers in a mall

The Dinion series from Bosch provides a full range of cameras – from mid-range to high-performance – to meet the most challenging situations. All of the models in the Dinion family share the same unique design, superlative picture quality and ease of installation. Plus, all of the models are built around the same DSP chip technology that makes these cameras perform so well.

The Dinion^{XF} series is the flagship of the range, and achieves unsurpassed picture performance under even the most difficult light and scene conditions through unique and innovative 15-bit digital video processing. The Dinion^{XF} features XF-Dynamic, which reveals details that other cameras miss in ultra high-contrast scenes. The camera's many other new image-enhancement features ensure the very best camera performance straight from the box. The Dinion^{XF} is the natural choice for advanced professional surveillance systems.



In an airport, capture all the necessary details including faces, baggage and more

Ideal for use day and night, round the clock

The Dinion^{XF} Day/Night camera is ideally suited for round-the-clock security applications.

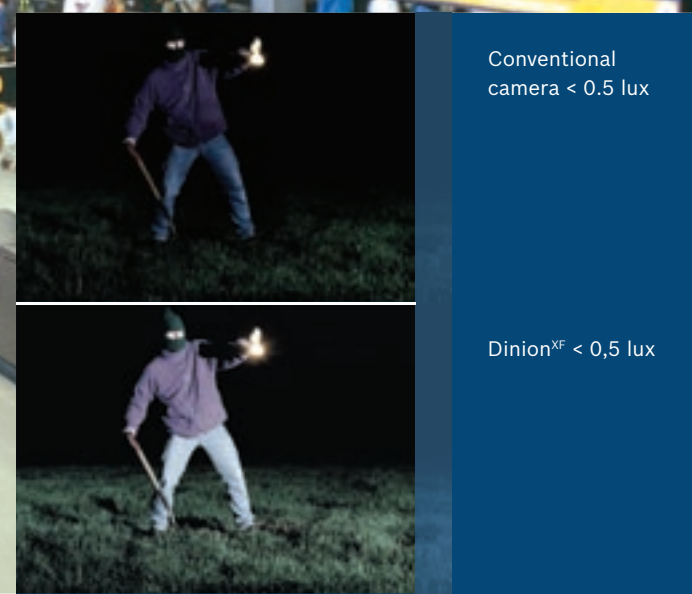
- ▶ It provides high-performance color operation during the day
- ▶ At night, or in very dark environments, it provides full monochrome sensitivity, especially in combination with IR illuminators
- ▶ With color sensitivity down to 0.18 lux and monochrome sensitivity to 0.024 lux, the Dinion^{XF} camera keeps you in the picture at all times.



Shown at actual size, the Dinion^{XF} is an attractive, unobtrusive solution for indoor and outdoor applications

High sensitivity makes things perfectly clear

The Dinion^{XF}'s high sensitivity gives better low light contrast and color clarity. By increasing the integration time on the CCD up to 10 times, the sensitivity is dramatically enhanced. In addition, as the lens may operate at a smaller iris aperture for higher picture sharpness and a larger depth of field. Where traditional cameras stop producing a color picture as the light goes down, Dinion^{XF} continues to deliver first-class color images.

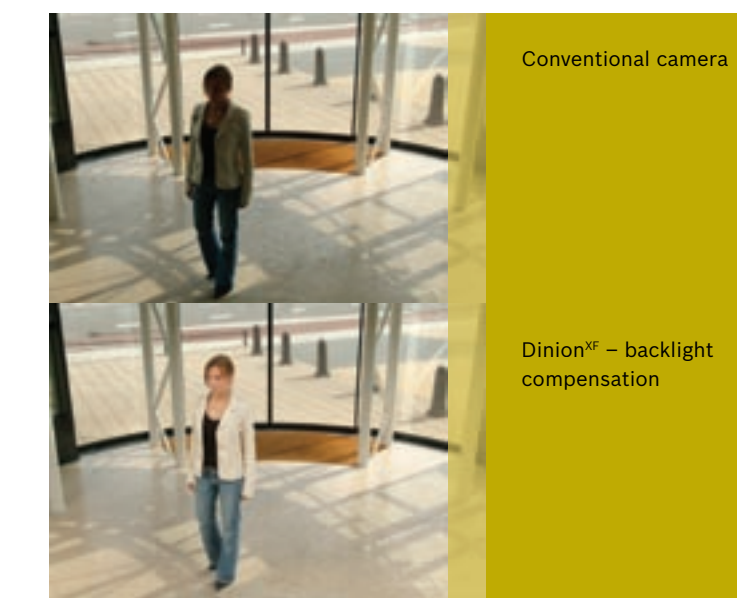


Default shutter – sharper images, whatever the lighting

The default shutter automatically combines the advantages of a fast shutter that captures movement with a standard shutter for the ultimate sensitivity. With default shutter the camera uses a fast shutter speed to capture high-speed movement without any blurring. This means that every single (digitally) recorded image will be 100% sharp in normal lighting conditions. In fading light conditions, however, to maintain the full video signal the shutter speed is returned to normal to retain the camera's full sensitivity.

Programmable backlight compensation

The Dinion^{XF} features programmable backlight compensation ensuring that you get the best possible images, even in strongly backlit situations. You can program the zone of interest anywhere in the screen - a big advantage in complex situations. The level of compensation is also programmable to ensure that you get the best possible result every time, whatever the application.



Remote programming – the convenience of Bilinx

Bilinx is the newest CCTV technology innovation from Bosch. This bi-directional communication capability is embedded in the video signal of Bosch Dinion cameras. With Bilinx, technicians can check status, change camera settings and even update firmware from virtually anywhere along the video cable.

Bilinx reduces service and installation time, provides for more accurate set-up and adjustment, and improves overall performance. In addition, Bilinx uses the standard video cable to transmit alarm and status messages, providing superior performance without additional installation steps.



Bilinx Bi-direction Communication Technology – the smartest way to reach your camera.

So easy to install and operate

Dinion^{XF} is one of the easiest high performance cameras to install, configure, and operate. Three independent modes are pre-programmed. Dinion^{XF} operates perfectly – straight from the box. Auto-Lens detection and the Lens Wizard ensure accurate set-up and focusing of the lens – the first time. For exceptional situations where fine-tuning or special settings are required, the configuration of the camera can be tuned. Control buttons on the side of the camera and the menu-driven On Screen Display (OSD) provide direct access to all settings.

