



Bosch gets Extreme

Extreme CCTV group products are now available from Bosch



BOSCH

Invented for life



Integrity, Innovation and Performance

The recent acquisition of the Extreme CCTV group, which incorporates the Extreme CCTV, Derwent and Forward Vision brands, by Bosch Security Systems allows Bosch to expand its already extensive CCTV portfolio to satisfy an even wider base of applications and customer needs.

The extended range covers three unique product areas, each giving best-fit solutions for a wide range of applications:

Bosch Extreme CCTV

A range of products designed to capture images in the most demanding conditions including extreme temperature ranges, low-light and no-light environments, corrosive or volatile atmospheres and areas where physical attack to the product may occur.

Bosch Derwent Illumination

Delivering a complete range of infrared and white light security lighting solutions, the Bosch Derwent illumination range represents near 20 years of engineering excellence and field proven performance and includes the most technically advanced CCTV illumination products available on the market today.

Bosch REG License Plate Capture

A complete range of dedicated cameras precision engineered to overcome the many challenges effective licence plate capture entails, the Bosch REG range is field proven to deliver the high definition licence plate images needed for automatic licence plate recognition software.

The products behind the solutions...

Bosch Extreme CCTV

MIC1 series - Fully functional PTZ cameras

The MIC1, or “Metal Mickey”, series of fully functional Pan-Tilt-Zoom (PTZ) cameras has been designed to offer an extremely reliable, robust and high quality surveillance solution for security applications that demand the very best performance, regardless of the installed environment.

Key Benefits

- ▶ Full range to provide a best-fit solution
- ▶ Rated to IP68
- ▶ Optically perfect, flat viewing window
- ▶ Full 360° continuous rotation pan and 320° tilt control

Applications

Public space/town centers, marine/coastal, rapid deployment, perimeter protection, extreme conditions.



MIC412TI Thermal



MIC400IR Infrared



MIC400ST Stainless Steel



IR Cameras

In a security market inundated with conventional day-night cameras that fail to live up to their specifications, Extreme CCTV, the trusted leader in active-infrared night vision, continues to provide reliable, high performance infrared cameras. Representing an elite suite of precision-engineered cameras, Extreme's integrated infrared cameras deliver the most advanced level of day/night imaging available today.



EX85 Megapixel-IP Infrared Imager. The EX85 is at the pinnacle of today's most advanced imaging technologies, combining dual megapixel sensors, IP Infrared Imaging design and Black Diamond night vision technology.

Key Benefits

- ▶ 24/7 performance
- ▶ Fully operational in harsh weather conditions
- ▶ Designed for fast, easy installation
- ▶ Award-winning Black Diamond night vision
- ▶ Precision engineered optics
- ▶ Tested for DCRI (detection, classification, recognition, identification) surveillance levels

Range includes:

- ▶ Analogue
- ▶ Bosch IP-enabled
- ▶ Megapixel

Applications

- ▶ Critical infrastructure
- ▶ Ports
- ▶ Borders
- ▶ Defense
- ▶ Transportation

The night vision capabilities of every Infrared Imager is provided for each of the four surveillance levels of the DCRI criteria - Detection, Classification, Recognition and Identification.



IR Bullet Cameras and MiniDome

Rich with the heritage of the world's finest night vision, the WZseries constitutes a suite of surveillance solutions that is an impeccable combination of performance, reliability and value. The WZseries includes a family of Integrated Day/Night bullet cameras - WZ20, WZ18, WZ16 and WZ14 - and the WZ45N Integrated Day/Night IR Dome camera.



WZ20 IDN Hi-res Bullet Camera

Applications

Residential, commercial, campuses, retail.

Extreme Environment Cameras

Extreme environment surveillance cameras are precision engineered for the harshest environments in the world. Extreme offers cameras that are explosion-protected, vandal-resistant, waterproof and corrosion-proof to suit the requirements of almost any security system installation. Extreme cameras are field-proven for reliable performance and installed the world over, from Kuwait to Canada, Africa to Antarctica.



EX36 Corner-Mount No-Grip Camera

Applications

Marine applications, corrosive environments, industrial freezers / food processing, petrochemical, mining and pharmaceutical facilities, correctional facilities, public areas.

Range includes:

- ▶ Extreme temperatures and wet environments
- ▶ Hazardous environments
- ▶ Corner mount camera for prisons, jails, hospitals, elevators
- ▶ Analogue and Bosch IP-enabled version available



Extreme products continue to deliver results under conditions that destroy conventional cameras.

Bosch Derwent Illumination **INFRARED ILLUMINATORS**

Today's surveillance systems demand 24/7 effectiveness, Derwent's high performance security lighting solutions are field proven in countless surveillance applications worldwide. A complete range of infrared and visible white light solutions Derwent illumination enables unrivalled night-time image capture.



Bosch AEGIS UFLED IR Illuminator

Key Benefits

- ▶ Black Diamond technology eliminates night-time image hot-spots and overexposure
- ▶ Constant Light technology compensates fully for LED degradation over time
- ▶ Built-in 12/24V AC/DC power regulation circuit
- ▶ Full range of beam patterns for complete area coverage
- ▶ Enables the optimum night-time performance of analogue and megapixel cameras, IP platforms and video analytics

Applications

Town centres and public spaces, commercial, residential, ports & harbours, correctional facilities.

Black Diamond technology delivers even illumination by directing light to the foreground and background of the camera's field of view for night-time images free from hot spots and overexposure.



Conventional IR Illuminator, hot spot in foreground, poorly illuminated background



Black Diamond evenly illuminates the foreground and background of the camera's entire field of view

Bosch REG License Plate Capture **ANPR/LPR Cameras**

The REG range of dedicated licence plate capture cameras is precision engineered to deliver high definition licence plate images for security, vehicle surveillance and Intelligent Transport Systems. Integrating camera, optics, infrared and ambient rejection technology, REG captures the plate day and night, from vehicles moving at speed and regardless of the prevailing weather or ambient lighting conditions.



Bosch REG-L1

Key Benefits

- ▶ Consistent, reliable vehicle licence plate capture
- ▶ Range of capture distances to 50m
- ▶ Speeds of up to 120 mph
- ▶ Installation friendly, complete range of mounting options
- ▶ 12/24 V AC/DC energy efficient operation
- ▶ High performance LED infrared illumination enables capture day and night
- ▶ Integrates seamlessly with DVR and video analysis software

Applications

Intelligent Transport Systems, automatic licence plate recognition (ALPR), access Control, parking, toll booths, private estate and gated communities.



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.

Bosch Security Systems

To learn more about our product offering, please visit www.boschsecurity.com or send an e-mail to emea.securitysystems@bosch.com

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