



Security Tech Germany

# Video security from ABUS

Spotting. Identifying. Solving.



[www.abus.com](http://www.abus.com)

# Theft, vandalism, burglary, hazards Solved by video surveillance from ABUS



## Theft

Every year the retail sector loses several billion euros to inventory discrepancies. The main causes of inventory shrinkage are theft by customers and staff, and also by suppliers. More than half of inventory shrinkage happens on the sales floor.

**Video surveillance deters and prevents crime. It supports live surveillance provided, for example, by detectives, helps solve crime and provides evidence – at the till, in the retail environment and in the warehouse.**



## Vandalism

Scratched or smashed windows, paint daubed on walls, destruction of property: vandalism is expensive. Video surveillance makes a major contribution to identifying the culprits and securing their conviction.

**Vandal-proof, weather-proof day & night cameras are available for round-the-clock outdoor use to monitor the façade.**



## Hazardous situations

Unexpected emergencies, attacks and workplace accidents pose a threat to companies, employees and third parties. What the people affected need first and foremost is prompt assistance.

**With video surveillance you are always in control and can make the right decisions in hazardous situations, getting to the bottom of incidents afterwards.**



## Intrusion

These days there is a burglary every two minutes – at commercial premises, doctors' surgeries and offices. As well as the material damage, it is often the loss or destruction of private property or sensitive data which causes the worst distress.

**Video surveillance cameras actively deter intruders. In the event of an incident they also enable direct intervention or alarm triggering – or at the very least positive identification of the intruders following the break-in.**

## Video surveillance works in three ways

How will I benefit from video surveillance? That is the crucial question – and ABUS has the answers.

- 1 Before the incident:**  
Video cameras deter potential intruders. No-one wants to be caught red-handed committing a crime, or be convicted later.
- 2 During the incident:**  
A video system enables you to be in control at all times. Thanks to live monitoring you can intervene immediately or request assistance from security services if there is an incident.
- 3 After the incident:**  
If something has happened, you will quickly find answers to your questions in the stored video data, which will enable you to clear up the incident after the event.

- Needs-based solutions for day and night, inside and outside
- Intelligent monitoring with motion detection, alarm functions and network integration
- Effective search functions for fast, simple location of recorded video images
- With both analogue and IP systems image data can be accessed locally via an Internet browser or smartphone (using an app)
- Innovative camera technology achieves high image quality

# Sophisticated video technology provides security in all situations



## Intelligent recording and search function

Intelligent video surveillance detects movement and starts recording only when someone moves into the monitored area. The smart search function helps you find individual stills quickly and easily.



## Clear video images day and night

As it becomes darker in the evening, a day/night switching function integrated in the cameras activates infrared LEDs automatically. These enable high-quality images even in unfavourable lighting conditions.



## Remote access to live images

You can access the video feeds from different camera locations via a browser, software or app – in real time of course. This means, for example, that you can keep an eye on several branches or rooms, allowing you to react quickly.



## Positive identification with evidence in HD

Some applications impose stringent quality requirements on video surveillance images. ABUS provides a variety of video surveillance solutions which enable, for example, positive identification of individuals or number plates.

# Typical applications for video monitoring in small and large properties



## Commercial building

In addition to classic security tasks such as perimeter surveillance and protection of the external shell against vandalism, intrusion and industrial espionage, video systems can also be used in the commercial sector for process optimization and to increase occupational safety.

In critical stress situations, or if there are incidents in the workplace, as a user you can maintain an overview of the areas affected and react quickly to unforeseen events. See further options for commercial applications for video surveillance at [www.abus.com/eng/about-abus/references](http://www.abus.com/eng/about-abus/references)



## Retail

In retail, protection against theft is of paramount importance. But protection against attacks, preventive till monitoring and surveillance of outdoor areas and warehouses also have a role.

The number of thefts drops sharply in shops with video surveillance. Integrating data from the till into the system ensures effective monitoring.

## Logistics

The goods transported through logistics centres and warehouses are valuable, but properties such as these require extensive and difficult supervision. The consequences are inventory shrinkage and risks like lost parcels, damaged goods and accidents.

Video surveillance contributes to improving safety, security and efficiency in logistics buildings: from monitoring parcel conveyors to protecting against theft.

## Catering and hotels

Attacks, unexpected emergencies and accidents are unpleasant experiences for restaurants and hotels, their employees and third parties. What the people affected need most is prompt assistance.

Serious incidents are a daily occurrence. Video surveillance helps find useful answers and prevent damage.

## Hospitals

Theft is a growing problem in hospitals and medical centres. Video surveillance cameras at entrances and exits, in car parks and in the grounds deter criminals and protect patients, visitors and property.

ABUS partners can provide expert advice about how the personal rights of staff, patients and visitors can be reconciled with video surveillance.

## Car parks and multi-storeys

People should feel safe at all times in multi-storey car parks. During the day, video surveillance provides information about accidents and hit and runs after the event. At night, women especially feel protected from violent attacks.

A good video system also monitors the areas in multi-storey car parks with limited visibility. It must also be easy to find relevant recordings.

## Petrol stations

Fuel theft, stealing, vandalism and attacks: video systems at filling stations have to fulfil a variety of surveillance tasks. Video images enable positive identification of faces and number plates.

High resolution video images at all times of day and night and integrated alarm functions are therefore very important.

## Private households

Video surveillance – just for banks and businesses? With low prices, sophisticated technology and simple controls, video surveillance is also making an ever-increasing contribution to security in the home.

Would you like to deter graffiti painters, thieves and burglars and, if there is a serious incident, identify them and put a stop to their activities? In that case, modern surveillance cameras are the right solution for you.

# Our HD surveillance cameras: a solution for every application

**Indoor dome**  
This camera type, equipped with a motorised zoom lens\* and in rectangular housing, fits perfectly into any corner of a room enabling discreet indoor surveillance.



**Robust outdoor dome**  
With their large surveillance angles and integrated motorised zoom lens, dome cameras can monitor a wide area, making them ideal for unprotected outdoor areas and entrances.



**Small camera for discreet surveillance tasks**  
The compact design of this camera model allows it to fit perfectly into any indoor space, and its integrated motorised zoom and automatic focus\* enable it to monitor even larger areas day and night.



**Robust tube camera for outdoor areas**  
The angle of view may be adjusted as required using the motorised zoom and automatic focus\*. This means that the camera can be used in a wide variety of conditions. IR-LEDs guarantee extremely high image quality even at night.



**Interchangeable lenses provide maximum flexibility**  
From close up to wide angle – depending on which lens is used the new box cameras allow monitoring of different sized areas, also covering outdoors with the weatherproof housing.



reddot award 2015  
winner



## Compatible with other software systems

Our cameras are integrated into leading video management software solutions via ONVIF and ABUS protocol (currently in development) and can therefore also be easily integrated into non-ABUS video surveillance systems for maximum flexibility, for example when extending existing video surveillance systems.

\*These features apply for the 1080p models

# Compact recording systems for your video surveillance set-up



### 24" Full HD LED Monitor

With full HD resolution (1920 x 1080 pixels) this ABUS monitor produces detailed images in 16:9 format for professional surveillance. Thanks to a rapid reaction time of just 5 ms, surveillance pictures in full HD are transmitted in a matter of seconds. Quick movements on the screen are shown clearly and continuously, without any distortions, flickering or ghost images. The efficient LED display ensures very low power consumption.



### Efficient and user friendly: the network video recorder from ABUS

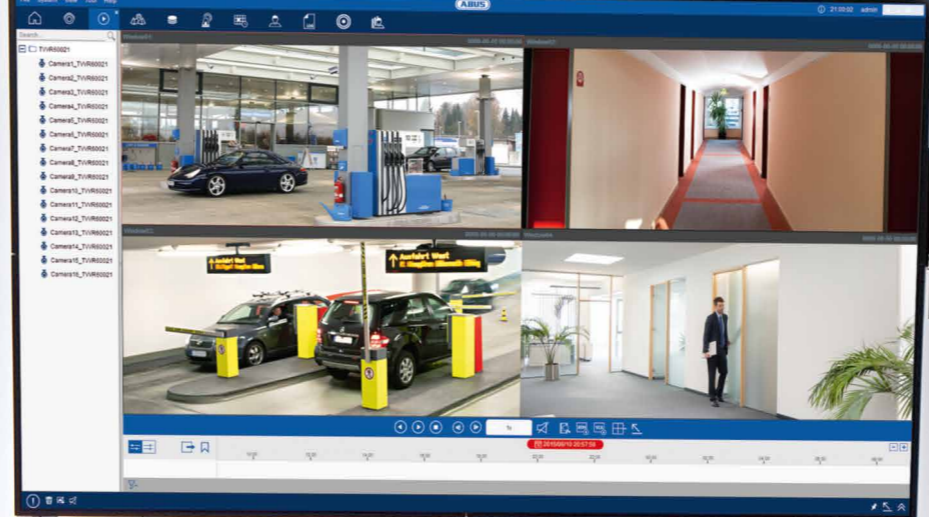
Most IP video surveillance today involves network video recorders. With good reason:

- **Cost efficiency:** in comparison to PC based software solutions, choosing a network video recorder saves you the costs of regular software updates and virus protection. And it uses less power.
- **Live evidence:** Using the snapshot function you can create photographs or video clips directly from the live monitoring feed.

- **Multi-monitoring:** in conjunction with the ABUS Central Monitor Station Software (CMS) you can see live images from your cameras from up to 256 (max. 64 per monitor) channels on up to four monitors.

- **Virus protection:** ABUS network video recorders have embedded Linux, providing maximum protection against viruses.

# Intuitive software solutions for your video surveillance system



## With our software solutions ...



... you can control your video surveillance system, access live images or look at different views of a partition on your screen.

Your system can be operated intuitively using video management software. It actively helps with monitoring and quickly finding video images to investigate incidents. The individual software versions support your video surveillance system depending on your security requirements with tailored functions and features. From the simple basic software

up to professional high end programs – ABUS has the right solution for your requirements.

As well as the ABUS video management software, our cameras are fully integrated with leading platforms such as SeeTec and Milestone. This guarantees the highest possible level of scalability. And, of course, all products are ONVIF compatible.

## Mobile control via our app is included

You can control your video surveillance system by smartphone when you're out and about using the free apps, ABUS iDVR Plus (iOS and Android) and IP Cam (iOS). The ABUS video recording software supplied gives you flexible control from any computer.



# Put your trust in ABUS

## Successful reference projects



### EDEKA supermarket, Pforzheim

Edeka's 1200 square metre outdoor, warehouse and retail areas in inner city Pforzheim needed protection from theft and attacks. In addition an effective till monitoring system was implemented to prevent fraud and "unauthorised family and friend discounts". The ABUS video surveillance system produces images which can be used as evidence in court, and it has already paid for itself, according to branch manager, Bernhard Pischzan.



### ARAL filling station, Augsburg district

To protect his filling station against petrol theft and shoplifting, raids and damage to the car wash, proprietor Peter Beducker decided to install a full HD video surveillance solution including ABUS video management software. Thanks to the combination of IP technology and HD monitoring via coaxial cable, the existing video system could be cost-effectively upgraded.



### Gibson Club, Frankfurt

The Gibson is Europe's largest live music club and houses three bars, a dance floor and a lounge area over 1570 square metres. The centrepiece is the 50 square metre stage for the concert programme and DJ events, which change daily. Manager, Bastian Bernhagen, had high requirements for the video surveillance system from ABUS, which provides security for his guests and has proven its worth in the space of a year in clearing up various incidents.



### The Ritz-Carlton, Berlin

Business leaders, state presidents and major stars from the world of show business number among the guests of the modern luxury hotel, The Ritz-Carlton, Berlin. Therefore, in addition to the best possible service and the amenities of a centrally located luxury hotel, The Ritz-Carlton also provides its guests with a high standard of security, and it is in this area that the ABUS video surveillance system makes a vital contribution.



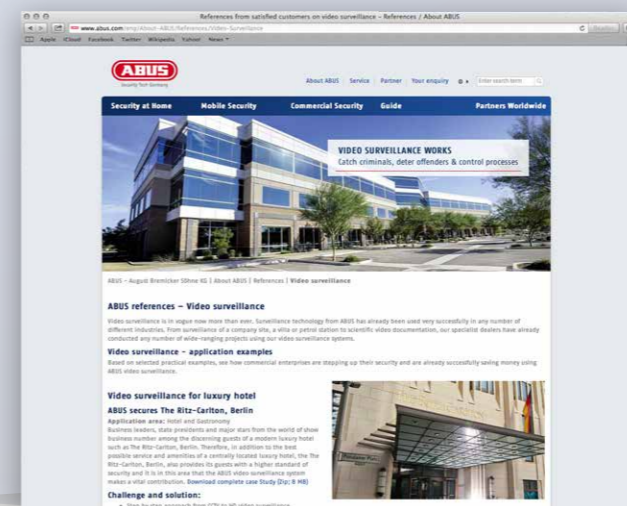
### Federseeklinik, Bad Buchau/Tübingen area

The spa resort of Bad Buchau is known, amongst other things, for the mud spa at the Federseeklinik. As in all bathing facilities, the monitoring of the entrance/cash till area, protection against theft and the safety of patrons need to be guaranteed. With a total of 25 ABUS network cameras and equipment in the indoor and outdoor areas plus accessories, the clinic's management were able to provide comprehensive monitoring for the popular mud spa.



### Maag Recycling AG, Winterthur (Switzerland)

Maag Recycling AG is a full-service provider in the area of waste management and the metals trade. In order to prevent unauthorised access and illegal dumping of goods and refuse, this waste management company installed 19 IP outdoor cameras from ABUS. These also protect machinery and valuable resources against theft and help to detect otherwise unnoticed incidents. Since the surveillance system was installed, fly tippers have been demonstrably deterred and unauthorised persons have been identified with 100 % reliability.



### Video security tailored to your requirements

Every video surveillance project is different and poses specific challenges. ABUS knows what is important when selecting a video system and has appropriate solutions for every security requirement.

For more information, visit [www.abus.com/eng/about-abus/references](http://www.abus.com/eng/about-abus/references)



# Seven good reasons to choose ABUS video surveillance



## 1 Greater security with video cameras

Video surveillance protects preventively by deterring theft and vandalism, and reactively by enabling crimes to be fully solved later.



## 2 A worthwhile investment for the future

A video surveillance system pays for itself with a significant increase in the detection rate, usually within just a few years.



## 3 Cameras for every application

Indoors or outdoors, day or night – ABUS has an appropriate camera solution and a suitable recording system for any surveillance situation.



## 4 Perfectly coordinated software and hardware

Cameras and recorders are available separately to be integrated with existing video systems, or together with the appropriate software.

## 5 Security which grows with you

ABUS video surveillance systems can be flexibly extended at any time and grow with the local requirements. Alarm components may also be added.



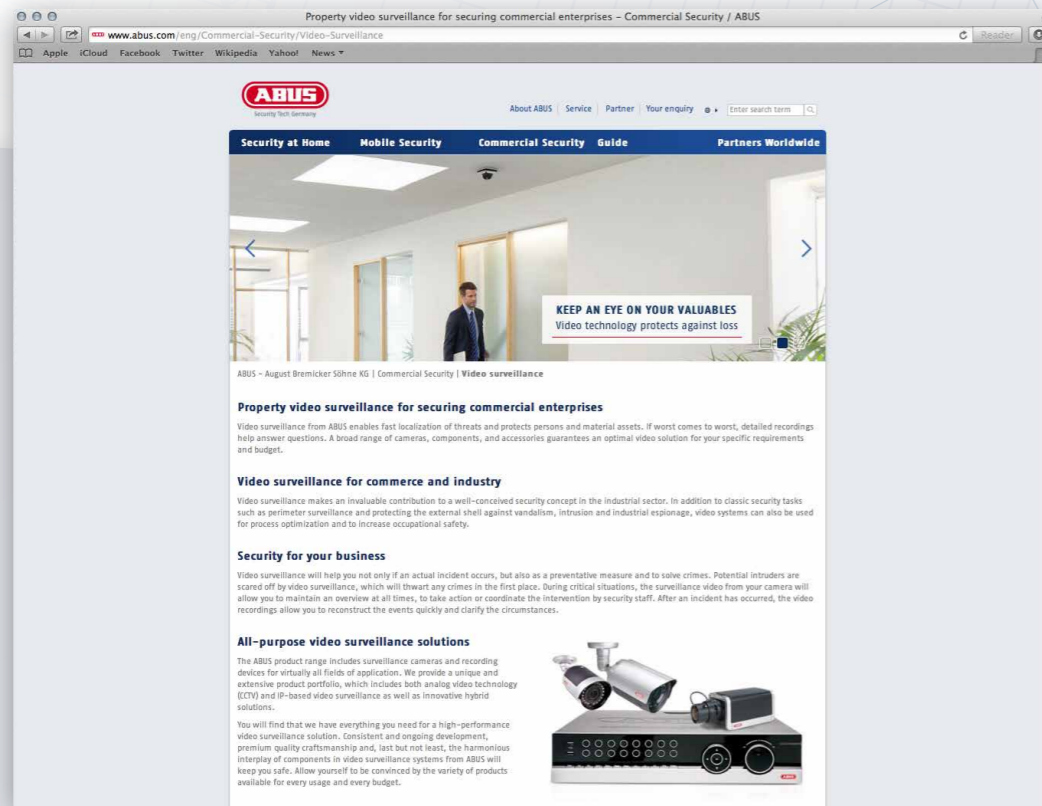
## 6 Your local expert will help

Professional installation of a video surveillance system ensures that the system will work correctly. Get in touch with your local ABUS partner.

## 7 ABUS means quality

For decades ABUS has been a byword for high quality security technology which regularly wins awards from independent test institutes such as the Vds.





### The right security solution for your premises

Small retail business or large warehouse complex, family-run bed and breakfast or luxury hotel, doctor's surgery or hospital: depending on size, application and security requirements we have put together the information relevant to your sector on our

home page. This includes useful explanations of the legal framework and also informative references. For more information, visit: [www.abus.com/eng/commercial-security/video-surveillance](http://www.abus.com/eng/commercial-security/video-surveillance)

### Something you can rely on – good advice from your specialist dealer

When choosing a video surveillance system it is advisable to have a meeting with your specialist dealer on site. He can design a cost-efficient tailored solution on the basis of your requirements, your budget and the specific conditions (light, location of the premises, integration with existing systems etc.).

### Am I allowed to install video surveillance in my company?

In principle, yes. The laws on video surveillance, however, are not entirely consistent, so we recommend you obtain legal advice beforehand. In essence, it is important to inform your staff, put up visible notices about it and leave out social areas like toilets, changing rooms and break rooms.

### Where can I install a video camera?

In principle, anywhere you think necessary. Even outdoor installations are easy thanks to weatherproof, heated housings. We recommend you install cameras high enough to prevent unauthorised access. As monitoring public areas is not permitted, these areas of the images are blanked out with a mask.

### What can I do about vandalism and theft?

Theft, vandalism and criminal damage often cause significant losses to the company. With video surveillance you hamper the activities of thieves.

### Can I also record the videos and how long can the recording run?

Yes, you can also make recordings. The recording duration depends on the image quality, number of cameras installed and number and size of hard disk drives.

### Can I use cameras even when it's dark?

Good cameras have an automatic function which switches from colour to black and white. When the light falls below a certain intensity it changes the camera setting. Infrared cameras provide high quality surveillance images even in complete darkness.

### Can I also see what's going on at home or at work when I'm out and about?

Modern video surveillance systems allow you to play audio and video streams online from anywhere in the world. You have constant access to your camera images via a browser or even a mobile telephone.



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# ABUS video surveillance

- All-round security: install cameras where you have a security need e.g. to prevent burglary, theft or vandalism
- Easy to operate with intuitive video management software
- Large range of cameras, recorder systems and accessory components – perfectly suited to your requirements
- Motion detection, status monitoring, email alerts, alarms and many more features actively assist with monitoring.
- Mobile surveillance via apps (iPhone and Android)



If you have any more questions,  
please visit:

[www.abus.com](http://www.abus.com)

Your ABUS specialist dealer will be happy to advise you: