



# The Guide to Healthcare Security with Cameras

MOBOTIX AG



# Introduction to Healthcare Security Solutions

There are many challenges that come with running a healthcare facility. It can be difficult to keep everything organized and running smoothly, especially when it comes to security. Security is a top priority for any healthcare facility, as protecting patients and staff is of the utmost importance.

One way to improve security in your healthcare facility is by using surveillance cameras. Cameras can help you keep an eye on everything that is happening in your facility, both inside and outside. This can help you catch any potential security threats before they become a problem. In addition to helping with security, surveillance cameras can also be used to improve business efficiency. Many healthcare facilities are now using AI-enabled cameras to analyze footage and make better decisions. This can help you save time and money by reducing the amount of time you spend reviewing footage.

## Benefits of Investing in IoT Cameras

There are many **benefits of investing in IoT cameras** for your healthcare facility. Some of the main benefits include:



### Basic Safety

- Access Control
- Smoke and Fire Detection
- Burglary and Perimeter Protection
- Theft and Vandalism



### Relieve Personnel

- Reduce Patient Rounds
- Monitor Multiple Patients in Parallel
- Prevent Alarm Fatigue
- Video Identification Instead of Requiring a Key



### Caring for People

- Discreet Round-the-Clock Security
- React to People in Need
- Realtime Communication
- Maintain Privacy and Discretion



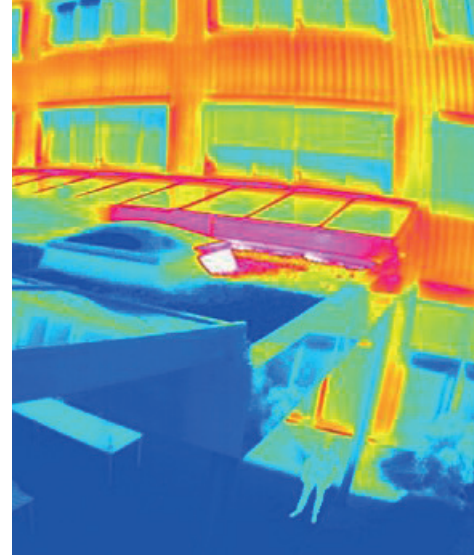
### Effective Processes

- Car Park Management
- Queue Management
- Video Training and Operations Support



### Safety Protection

- Detect Defined Temperature Ranges
- Mask Detection
- Overcrowding
- Social Distancing



## Chapter One: Basic Safety

When it comes to security, the first thing you need to think about is safety. The cameras you choose need to be able to provide a level of safety that meets your needs. Some of the features you should look for include access control, smoke and fire detection, burglary and perimeter protection, and theft and vandalism prevention.

### Basic Security: Access Control

One of the most important aspects of security is access control. You need to be able to restrict access to certain areas of your healthcare facility and make sure that only authorized personnel are able to enter. Cameras with access control capabilities can help you do this.

Access control cameras can be used to track who is entering and exiting your facility. They can also be used to monitor access to restricted areas, such as patient rooms or the pharmacy. This can help you ensure that only authorized personnel are able to enter these areas.

Access control cameras can also be used to enforce policies regarding visitor access. For example, you may want to require all visitors to show their ID before they are allowed into the facility. This can help you keep track of who is entering and exiting your facility.

### Basic Security: Smoke and Fire Detection

Smoke and fire detection is another important aspect of security for healthcare facilities. Fires can quickly spread through a facility and cause extensive damage. Cameras with smoke and fire detection capabilities can help you detect fires before they become a problem.

Smoke and fire detection cameras can be used to detect smoke and heat in the area. They can also be used to detect the presence of flames. This can help you respond quickly to any fires that occur in your facility.

### Basic Security: Burglary and Perimeter Protection

Another vital element of healthcare facility security is protection from burglary and the perimeter. Burglars can quickly steal valuable equipment or medications from a facility.

Cameras with burglary and perimeter protection capabilities can help you deter burglars and protect your property.

Burglary and perimeter protection cameras can be used to monitor the area around your facility. They can also be used to detect intruders. This can help you catch burglars before they can steal anything from your facility.

### Basic Security: Theft and Vandalism Prevention

In addition to burglary, theft and vandalism are also major concerns for healthcare facilities. Cameras with theft and vandalism prevention capabilities can help you protect your property from these threats.

Theft and vandalism prevention cameras can be used to monitor the area around your facility. They can also be used to detect intruders. This can help you catch thieves and vandals before they can damage your property.



## Chapter Two: Relieving Personnel

One of the biggest benefits of using surveillance cameras in healthcare facilities is that they can help reduce the amount of work that personnel need to do. Cameras can be used to monitor patients, staff, and visitors. This can help you keep track of what is happening in your facility and ensure that everyone is following the rules.

### Personnel Support: Reduce Patient Rounds

One of the ways that cameras can help relieve personnel is by reducing the number of patient rounds that need to be made.

By using cameras to monitor patients, you can reduce the amount of time that personnel need to spend checking on patients. This can free up personnel to do other tasks, such as caring for patients or cleaning the facility.

### Personnel Support: Monitor Multiple Patients in Parallel

Cameras can also be used to monitor multiple patients in parallel. This can help personnel keep track of all the patients in the facility at once. This can help ensure that no one falls through the cracks.

### Personnel Support: Prevent Alarm Fatigue

Alarm fatigue is a common problem in healthcare facilities. Alarms can often be triggered accidentally, which can lead to personnel becoming desensitized to them. This can lead to serious problems, such as patients being neglected or medication errors.

Surveillance cameras can help prevent alarm fatigue by providing a visual reminder of when an alarm has been triggered. This can help personnel respond quickly to alarms and ensure that no patients are neglected.

### Personnel Support: Video Identification Instead of Requiring a Key

Surveillance cameras can be used in healthcare settings to identify people, which is one of the most important advantages. This may help you guarantee that only authorized individuals have access to the facility.

Video identification cameras can be used to capture the image of personnel. This can help you verify their identity and ensure that they are authorized to enter the facility.



## Chapter Three: Caring for People

In addition to relieving personnel, surveillance cameras can also be used to help care for people. Cameras can be used to monitor patients and ensure that they are following the rules.

### Patient Monitoring: Discreet Round-the-Clock Security

Cameras may be used to monitor patients discreetly if necessary. This might assist you in ensuring that patients follow the regulations and are not in any risk.

With AI-powered cameras, you can monitor patients round the clock without having to always staff someone in the room. This can help you keep track of patients without disturbing them.

### Patient Monitoring: React to People in Need

Cameras can also be used to help personnel react to people who are in need.

If a patient falls, for example, cameras can be used to send an alert to personnel. This can help personnel respond quickly and aid the patient.

### Patient Monitoring: Realtime Communication

Cameras can also be used to provide real-time communication between personnel and patients. This can help personnel ensure that patients are following the rules and answer any questions that patients may have.

MOBOTIX cameras can provide two-way communication between the camera and the user. This can be used to help personnel and patients communicate with each other in real time.

### Patient Monitoring: Maintain Privacy and Discretion

Patient privacy is a top concern in healthcare facilities.

Surveillance cameras can be used to monitor patients without invading their privacy. This can help you maintain the privacy of your patients and ensure that they feel comfortable in the facility.



## Chapter Four: Effective Processes

Video recording also has several applications outside of safety and security. Surveillance cameras might be utilized to improve the efficiency of your operations by monitoring traffic flow and uncovering bottlenecks.

### Traffic Monitoring: Parking Garage Management

Healthcare facilities will need to monitor outside of their facilities as well to manage parking garages. Traffic congestion in parking garages can lead to long waits and frustrated drivers.

Cameras can also be used to monitor the flow of traffic in a parking garage. This can help you ensure that there is enough space for people to park and that no one is taking up more than their fair share of space.

### Traffic Monitoring: Queue Management

When it comes to lines in waiting rooms and other areas, cameras can be used to great effect for queue management. By tracking the number of people in line and the rate of flow, you can ensure that everyone is processed as quickly as possible without causing undue delays.

Cameras with AI capabilities can be used to analyze the data from queues and make suggestions for how to improve the flow. This can help you keep your lines under control and minimize the wait time for your patients.

### Traffic Monitoring: Video Training and Operations Support

With footage within the healthcare facility, administrators can review the footage to see how staff are working and behaving to improve their training. In some cases, this type of video footage can even be used as evidence in legal proceedings.

In addition to being able to review footage for training purposes, administrators can also use it for real-time support. If an incident occurs, administrators can review footage to try and determine what happened. This can help them get to the bottom of an incident quickly and ensure that it does not happen again.





## Chapter Five: Safety Precautions

Arguably one of the biggest benefits of using surveillance cameras in a healthcare setting is the preventative security measures.

### Safety Precautions: Detect Defined Temperature Ranges

Cameras can be used to detect defined temperature ranges. This can help you ensure that your facility is keeping a consistent temperature and that no patients are at risk of being harmed by the environment.

### Safety Precautions: Mask Detection

Masks are an important part of keeping patients safe from contagions.

Surveillance cameras can be used to detect when someone is wearing a mask. This can help you ensure that everyone who enters the healthcare facility is following the safety protocols.

### Safety Precautions: Overcrowding Detection

Healthcare facilities can be crowded, and this can lead to safety concerns.

Surveillance cameras can be used to detect overcrowding. This can help you ensure that there is enough space for people to move around and that no one is in danger of being crushed or suffocated.

### Safety Precautions: Social Distancing

With the spread of COVID-19, it is important to enforce social distancing.

Surveillance cameras can be used to detect when people are violating social distancing guidelines. This can help you ensure that everyone is staying safe and preventing the spread of the disease.



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## Chapter Six: Putting It All Together

By now, you should know the benefits of using MOBOTIX cameras. You also should be familiar with their different characteristics and how they can help your company.

There are **eight key AI apps** that MOBOTIX recommends for healthcare facilities.

- **MxAnalytics AI** – Reliable, object-based counting and behavior detection.
- **MxActivitySensor AI** – Reliable object-based motion detection independent of weather and brightness interference.
- **AI-Intrusion PRO** – Shows intruders crossing one or a sequence of virtual lines. Multiple lines increase system reliability.
- **AI-Heat** – Identifies frequently visited areas (hot spots) and less frequented areas (dead areas) based on the length of time people spend there.
- **AI-Fire** – Early detection of flames indoors and outdoors (e.g. vehicles, containers).
- **AI-Smoke** – Smoke detection inside and outside. For all optical image sensors.
- **AI-Loitering** – Detects suspicious behavior of people who remain in certain areas for an extended period of time.
- **Visage Face Recognition** – Face recognition using stored image data. With 97% success probability with access control applications.

If you're looking for more information on MOBOTIX cameras or any of the other products that we have available, you can learn more about them by contacting us.

You can also request a **product demonstration** from one of our sales representatives. They will be able to tell you everything that you need to know about MOBOTIX and what it can do for your business.



Contact us  
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A close-up photograph of two hands shaking, with a blue semi-transparent overlay. The hands are positioned in the center of the frame, with the fingers interlaced. The background is a soft, out-of-focus light blue and white. The blue overlay is a solid, medium-blue rectangle that covers the central part of the image, providing a backdrop for the text.

## CONTACT US

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# Intelligent Video Security Solutions Made in Germany

MOBOTIX offers a comprehensive range of solutions for all aspects of video-based security systems. We develop high-quality, decentralized, energy-efficient systems that mean our customers save money on every MOBOTIX system installed.

Our motto **Beyond Human Vision** is also our mission: MOBOTIX is fully committed to making itself the most reliable company it can be, one that protects people and property by using intelligent, cyber-secure video technology to go beyond human vision.



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