

Product Guide

Camelot Watchtower information and technical specifications



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This Product Guide provides information about the importance of good security. For example, what are the risks of working with an unsecured construction site or workplace? And do not forget the importance of securing residential areas or terrains where events or possible disturbances take place. Cameras provide a source of valuable information and, at the same time, have a deterrent effect.

I Why install a security system?

First of all, a security system saves you a lot of money. Theft, destruction, burglary, and arson disrupt work on a construction site or other type of terrain. Secondly, these sites are dangerous for unauthorised persons. Vandals and thieves often do not realise the risks of incurring personal injuries. According to the UK Law, all construction sites require: Measures to manage access across defined boundaries; and steps to exclude unauthorised people. You must also take sufficient measures to protect third parties from risks that may arise from the works.

Site security prevents risks, such as:

- *Destruction*
- *Theft*
- *Vandalism*
- *Arson*
- *Injury liability via trespassers*

If you fail to do so, you risk incurring higher costs in the unplanned event of damages to a third party as well as: Sometimes it is a damage compensation to a third party, but also:

- Replenishing damaged tools;
- Repairing the burglary or fire damage;
- The time it takes to take care of everything else;
- The time during which you cannot work;
- Fines for when deadlines are not met.

All in all, the damage can be significant!



2 Comparison of the three main security solutions

Security provides a number of options. We've compared the three main options for you.

Option I: 24/7 Security Guard

A team of certified guards who protect your building or terrain 24 hours a day, 7 days per week. An efficient type of security that Camelot also uses regularly. 24-hour security is a suitable solution to prevent acute threats, such as squatting, burglary, and arson. These occur, for example, in the period between the delivery of an empty structure and the start of demolition. An excellent time for thieves and squatters to attack. With 24-hour security, you make sure squatters and thieves do not damage your premises.

Advantages of 24-hour security:



- Active within a few hours.
- Active security against destruction, theft, and undesirable guests.
- A suitable solution when temporary occupation or security with cameras is not suitable.

Disadvantages of 24-hour security:

- A guard cannot see what is taking place on the other side of the terrain.
- Is the guard alert throughout his shift?
- The costs are relatively high. Assume an average of £40 per hour.

Option 2: Patrols made by the security service

This type of security means the security service makes regular patrols at different times to avoid a timed routine arrival. This means the intruder can be more likely caught in the act.

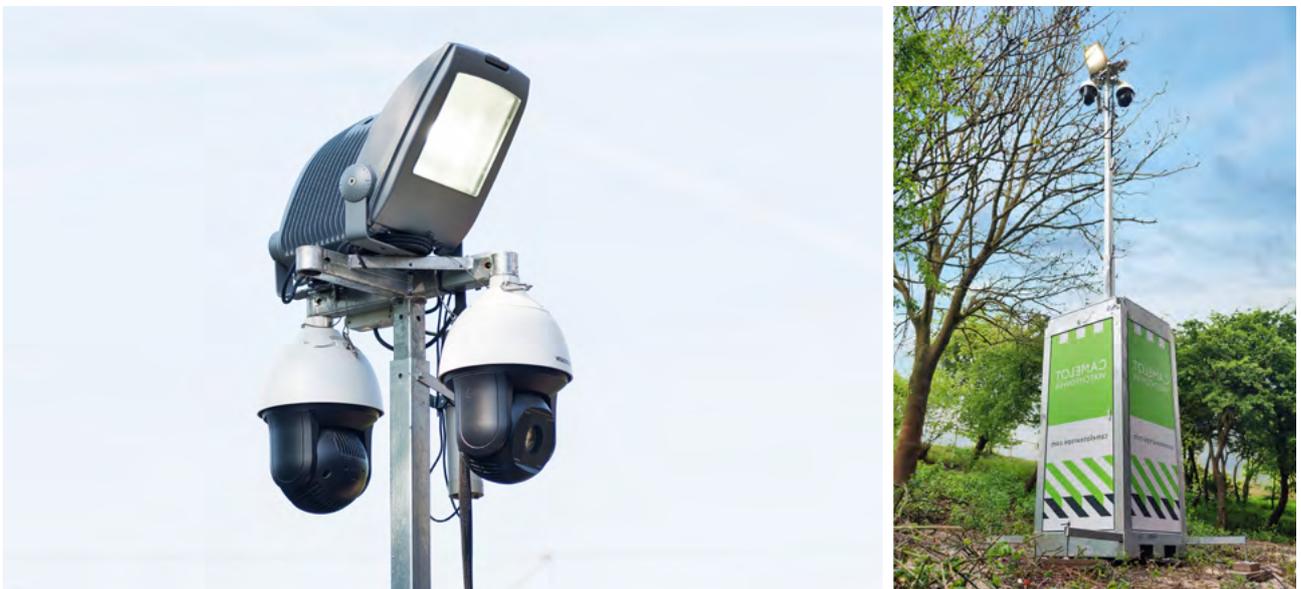
At the same time, this security solution also has disadvantages. The security Guard can only catch a vandal or a thief at the time of incident and patrol. But what happens in the meantime? A thief or vandal may hide, wait until the security Guard has left, and then continues.



Option 3: A mobile camera tower

Mobile camera units are a good way to secure construction sites, industrial terrains, and empty locations.

A mobile camera unit is increasingly used to monitor public spaces, such as during events and in the case of nuisance. The white paper "Choosing a camera tower" lists the various functions of a mobile camera. On the following page, you can review all specifications of the Camelot Watchtower with the help of the six steps outlined in the white paper. One can instantly assess the benefits of incorporating the Mobile Watchtower solution to meet their security requirements.

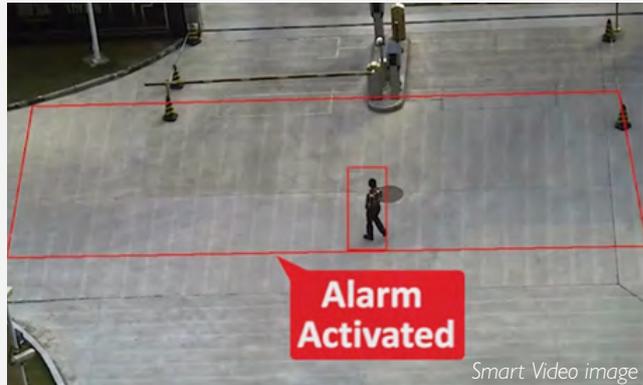


3 What are the specifications of the Watchtower?

Motion detector

The Watchtower works with a smart video system, which makes detection possible in certain areas and for objects with a predetermined size. For example, the camera automatically differentiates between a bird flying across the image or a human being. You can also choose the precise area where the camera should detect and where it shouldn't. If, for example, the image includes a public road, it is useful if detection doesn't apply to that area.

This is an example of a smart video image. The camera software understands that an alert must be issued when this virtual zone is accessed. The square surrounding the person that enters this zone shows that the camera actually perceives it as a person. A cat that might enter this zone will not be detected by the camera. This lowers the number of false alarms to almost none.



The two cameras on the Watchtower can automatically zoom in 200 metres, which means intruders are immediately in close-up when detected. This has huge advantages for both prosecution and insurance matters. The invisible Infra-red LEDs make sure the terrain receives additional lighting up to 200 metres.

Detection range & quality

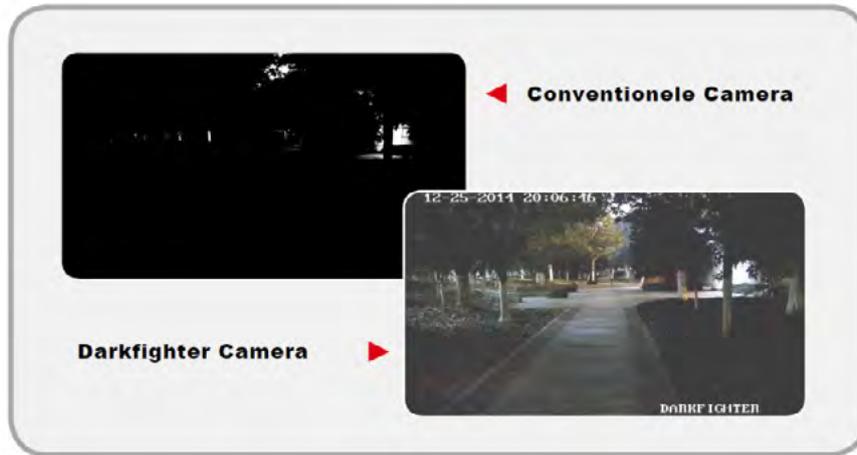
The red box in the picture above highlights the detection range of our cameras in depth and width. The two cameras on the Watchtower are dome cameras that see a full 360 degrees. These cameras make it possible to supervise a very large area. Another advantage of flexible dome cameras is that they are very useful for an alarm room in order to follow the intruder from it. The image quality, or the so-called detection is up to 80 metres per camera, which means it is possible to make intelligent analyses of the images.

Power supply

The Watchtowers have a 230 V connection. It is also secured, so that if the supply is cut an alarm immediately goes off in the alarm room. In addition to the 230 V power supply, the Watchtower can also be expanded to include an emergency power supply. If the 230 V voltage fails, monitoring continues for a few more hours. This is useful in places where the power supply might unexpectedly fail.

Lighting

The day & night cameras in the Watchtower, or the 'Darkfighter cameras', produce bright images even with little light. Detection in the dark is almost the same as detection in light. Thanks to the fact that light is not necessary, the intruder also doesn't know how far the camera can detect. This means the ideal 'path' is not visible to the intruder, and they will be quicker to give up an attempted theft.



Darkfighter camera

Use of images

The images are sent via 4G. As soon as an incident takes place on site, the control centre is already watching. If necessary, they can zoom in.

Follow-up

Step 1: An audio message via the loudspeaker on the mobile camera unit

Using the loudspeaker on the Watchtower pole, the centre staff in the alarm room can talk directly to the intruder via an audio connection. It is very effective if the centre staff is able to mention the secondary characteristics of the intruder: "Hey, you there, with the green trousers and blue sweater, the police are on their way."

Step 2: An alert to the security organisation for mobile follow-up

When using a camera tower, the best method is a good follow-up through security personnel. If an alarm goes off, a signal is sent to a control centre. A mobile surveillance team then goes out to assess the situation. The mobile surveillance staff receive instructions to know how to proceed. Private surveillance services can generally be on site within 30 minutes, if desired also with a dog.

Step 3: Images sent directly to the police control room

The control room that receives the alert usually has real live access to the images. This is called a 'Live View' function. If it is really a burglary or a theft, the staff in the control room will forward the images directly to the contact person / surveillance team to call the police on 911. The police can then quickly intervene.

The advantages of the Watchtower at first glance

Description	Advantages for you
2x cameras	Large surface covered by 1 tower.
Cameras can be controlled	The alarm centre can see everything well by zooming in up to 200 metres.
Day/night cameras	Sharp images (full HD) during the day and at night.
Autotrack	Unauthorised persons can be automatically followed by the mobile cameras.
VCA	Intelligent analyses of the images, detection up to 80 metres per camera.
Infra-red LEDs	The terrain receives additional lighting up to 200 metres through the invisible IR LEDs.
Robust pole and case	The pole is stable and cannot be vandalised; equipped with its own alarm system.
4G	Streaming of images to the alarm centre of the police.
4G	Remote control and configuration, standard after 1 day / 1st analysis.
PAC	Transmission to an alarm centre recognised by the law (PAC).
LiveVIEW	Visual monitoring from the control room in the case of real disasters.
Monitoring	The costs include key management by the local security service.
Audio speaker	Included by default to allow addressing unauthorised persons.
Striking	Watchtower stands out and has a preventative effect!

4 Where can it be used?

Terrains and events

The Watchtower can be used in a variety of ways. Both on construction sites and other types of terrain, this mobile camera unit represents an attractive security solution. But a camera tower brings added value to events as well. The organisers of an event are often responsible for the event terrain, but how about the (pedestrian) access routes? That's where incidents or disturbances regularly take place, precisely because they are not covered by regular security.

Residential areas

A community may sometimes be affected by loitering, burglaries, or arson. The use of camera towers in residential areas has a deterrent effect and also takes 360-degree images of the surroundings, which can lead to arrests.

Roadworks

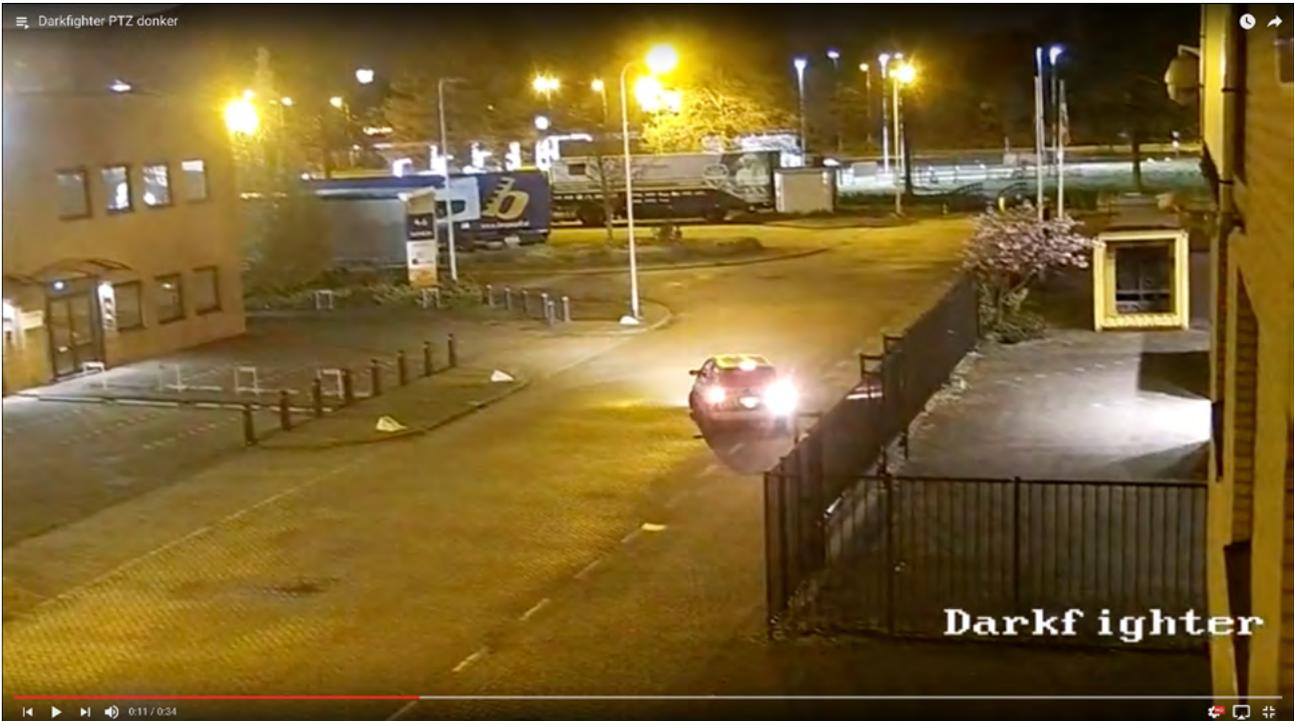
A mobile camera tower is ideal during roadworks. What happens to the site and the materials outside working hours? Are there dangerous situations that require preventative measures? Are the machines secured and do they risk being damaged or destroyed?

The Watchtower can be used in a variety of ways:

- Outside terrains
- Construction sites
- Events
- Residential areas
- During roadworks

5 How is the Watchtower different from the rest?

The Watchtower has wider applications than most mobile camera units of other makes. This is due to the tried and tested technology used. The Watchtower has not only a preventative effect, it quickly and reliably detects, it creates sharp night and day images, somebody is actually watching LIVE, and the response to an alarm is immediate! See an image fragment from the cameras during the night below.



6 What are the costs?

The Watchtower is the professional solution for keeping an eye on your terrain or building. The daily price varies between £26 and £50, depending on the rental period and the number of Watchtowers to be used.

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