

# WELLNER BOX

Mobile Video Surveillance for Outdoor Use.

- economical
- efficient
- self-sufficient
- safe





# What Is the WellnerBOX?

The WellnerBOX is a preventive, all-in-one safety and monitoring solution, designed for long-term outdoor use, 24 hours a day, 365 days a year. Innovative switching technology and ultra-modern, modularly expandable sensors together with cutting-edge video technology provide a 360° all-round backup, any time of day or night, with reduced false alarm.

In order to make the best use of the existing technical features of the WellnerBOX, the connection to a deployment and control centre is sensible. In addition to a live response to potential offenders and the real-time response during the initiation of threats, it is also possible, for example, to use virtual guard patrols. With this, the WellnerBOX does not replace any personnel, yet can be used supportively and precisely in cases where people are financially or logistically less effective for security purposes.



see



respond



record



send

The WellnerBOX complements and expands the possibilities of site security / security service providers / police in an uncomplicated way and with its modular design fits into every security concept. A great advantage of the WellnerBOX is that it allows a particularly fast reaction; e.g. if existing safety systems are not available / have failed, there is an increased safety risk in the short term or a quick and installation-free reaction is necessary for other reasons.

## **Optimal safety cannot be forced into ONE standard.**

Customers and their projects in part differ strongly, and must be considered individually and comprehensively. Instead of selling you "security off the shelf", we devote ourselves to your questions and requirements. We clarify the situation, technical connection, supply situation, questions of data protection, links with other security service providers, the integration of existing components, etc. in a non-binding on-site appointment. **Call us and arrange an appointment.**

Jörg Wellner  
General Manager - Wellner GmbH  
Tel.: +49 34292 716-0  
[joerg.wellner@wellnergmbh.de](mailto:joerg.wellner@wellnergmbh.de)

Jörg Witzel  
Security Technology Advisor  
Tel.: +49 34292 716-14  
[joerg.witzel@wellnergmbh.de](mailto:joerg.witzel@wellnergmbh.de)

# Versions in Comparison



Features of the WellnerBOX	"classic"	"mobile"
Power supply: 220V	x	x
Power supply: 220V + battery	x	x
Power supply: 220V + battery + solar panel	x	-
Power supply: 220V + battery + fuel cell	x	x
Power supply: 220V + battery + solar panel + fuel cell	x	-
Video head with 1 dome camera + 2 speakers + 4 motion detectors + 4 IR spotlights	x	x
Weight	around 1300 kg	< 750 kg
Transportation   move with	truck   forklift or crane	car   by hand
	20 - 60 minutes	
Assembly time		about 20 minutes
	months / unlimited	
Ideal service life		days / weeks / months
	x	x
Alarm transmission in real-time		
	x	x
Respond in real-time		
	x	x
Virtual guard patrol		



# Features of the WellnerBOX

The WellnerBOX is not a rigid system, but rather a modular construction.

Because of various uses and security requirements, different basic systems, transport varieties, power supplies, sensor modules and transmissions can be selected and combined. In addition to proven combinations / components, individual solutions are also possible for special requirements.

The aim is to always provide the customer with the optimal custom-made monitoring solution.

The WellnerBOX mobile is designed for uncomplicated, immediate use with very little transport, service and cost expenditure.

Thanks to the low weight and assembly on a standard car trailer, assembly and dismantling, as well as repositioning, are possible with only one person.

Theft and sabotage protection had top priority in the design of the fully welded steel container of the WellnerBOX classic. In addition, the solid housing serves as the means of transport and the basis of the highly efficient and environmentally-friendly photovoltaic panels.



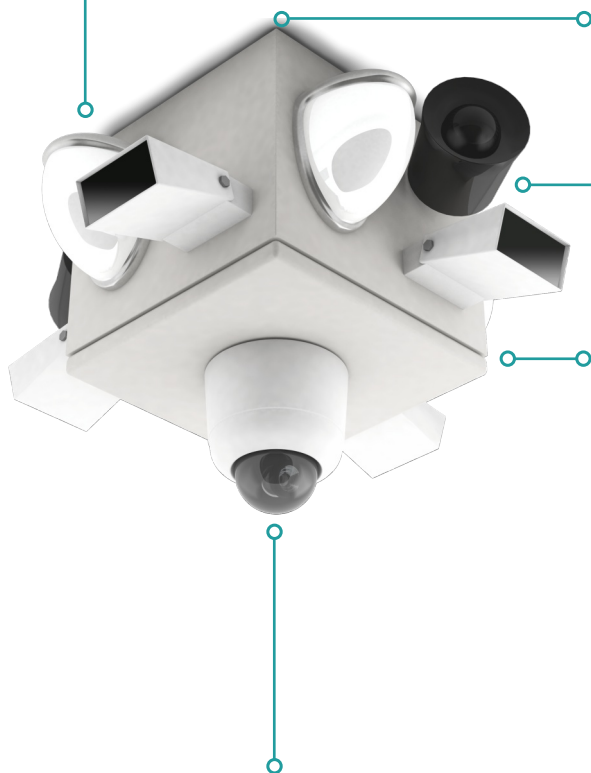
The well-balanced and modular power supply concept of the WellnerBOX is equipped for every need.

The mix of rechargeable batteries, fuel cells, and photovoltaic panels gives the WellnerBOX classic 100% self-sufficiency, for example, for a year on a construction site without any charging possibilities. If reliable and recurring charging options are available via an emergency power unit or similar, the high-performance battery pack with its approximately 10-day supply is sufficient. Of course, all models can also be permanently operated with 220V.

Encrypted and interference-proof, the video data is transmitted to connected emergency and control centres, depending on the on-site conditions and requirements, via UMTS, GRPS, LTE, or LAN.



The heart and brain of the video head, and thus the whole WellnerBOX, is the internally designed and developed WellnerBoard. The logical connection of the individual components and the large number of interfaces that can be calibrated make the WellnerBOX what it is: The perfect, all-in-one security solution for any project.



The high-quality interior including the WellnerBoard, video recorder, modem, interfaces, etc. is encased in a robust steel housing. All sensors, including the camera, are screwed tightly to the outside wall, access is gained via a locked lid.

4 infrared spotlights make sure the cameras of the WellnerBOX are never in the dark and ensure optimal monitoring conditions, even in complete darkness, rain, snow and fog.



Depending on the application and the desired degree of self-sufficiency or necessary image quality, analogue cameras or IP camera models are used on the sensor head.

The 4 built-in motion detectors allow reliable movement detection in a 30-metre radius. By means of an optional long-range detector, areas of 150 metres long can be secured.



For live responses to suspicious persons and for the clarification of incidents, 2 standard pressure chamber loudspeakers are used, whose activation makes potential perpetrators take flight.







# WellnerBOX classic

Robust, reliable, tried and tested, the classic version of the WellnerBOX has been in use for years. Developers, security services, energy generators and transport companies alike rely on the unique TOP features of this security solution.



## Areas of application of the WellnerBOX &quot;classic&quot;;

- Monitoring of stationary construction sites and their machine, vehicle, and material storage areas
- Temporary or long-term monitoring of migratory sites; e.g. railways, roads, supply lines, etc.
- Safeguarding of open spaces, such as storage areas, warehouses, pastures, enclosures, event facilities, barriers & signalling systems, intersections, and much more
- Protection against unauthorised entry, vandalism and theft for energy suppliers, wind and hydroelectric power plants, transformer stations, power stations, conveyor systems
- Preventive theft protection, including live response & reaction for private and company property
- Securing all types of land, buildings and limited areas
- Technical services for security companies and guard patrol

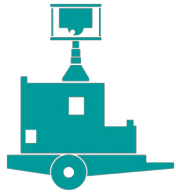
## Technical Features of the WellnerBOX "classic"

- Reliable movement detection in a 30-metre radius - day and night
- 360° detection range thanks to zoom, rotation, and swivelling high-speed dome camera
- Analysable recordings thanks to a built-in video recorder
- Features of the standard video head with 4 motion detectors | 2 speakers |  
4 infrared headlights | 1 dome camera | modular extensions possible
- Flexible power supply with up to 100% self-sufficient operation with 220V connection |  
high-performance batteries | fuel cells | photovoltaic package or a mixture thereof
- Fault-proof data transmission in real-time thanks to the integrated GSM / UMTS / LTE modem
- IP66 protection degree, vandalism-proof housing, weight around 1300 kg

## TOP Features of the WellnerBOX "classic"

- Designed for motion detection
  - + monitoring in a 30 metre radius
  - + optional: long distance detector with 150 metres range
  - + reliable recording by day / night / bad weather
- Can be linked to emergency call centres (video control stands)
  - + conduct virtual guard patrols
  - + respond in real time
  - + point-specific use of reaction forces
  - + extremely low false alarm rate
- Modular interfaces
  - + easy extension of the sensor system
  - + use of different camera models depending on the application area
  - + integration of existing security systems
  - + connection of several WellnerBOXes
- Fully welded solid steel container as a base
  - + stable and vibration-free basis for motion and video sensors
  - + uncompromising, lasting protection of the entire construction and technical components  
at all temperatures / rain / wind / ice / snow / dust
  - + robust enough for rough outdoor and construction site applications
  - + increased protection against theft and sabotage
- Various transport options
  - + trouble-free repositioning / moving by means of existing machine technology  
(pallet truck, forklift, crane, wheel loader, etc.)





# WellnerBOX mobile

In order to better meet the special requirements of mobile video surveillance at major events, we have **developed a new model of our security solution** specifically for this need: as light, mobile + flexible as possible, without neglecting the most important principle of video surveillance:

to deliver perfect and **high-resolution photos, day and night - reliably and with live evaluation**



## Areas of application of the WellnerBOX "mobile"

- Real-time monitoring of public places
- Documentation of police actions
- Video surveillance of demonstrations and rallies
- Proactive monitoring of seasonal events, such as New Year's Eve | carnival (for example the Cottbus Carnival Parade)
- Regulation of visitor flows at regional festivals, such as fairs | weekly and Christmas markets | beer festivals
- Live monitoring of cultural events, such as jubilees | concerts | festivals
- Securing sporting competitions, even in remote and outdoor areas (e.g. at the Biathlon World Cup in Oberhof)



## Technical Features of the WellnerBOX "mobile"

- 360° detection range thanks to zoom, rotation, and swivelling high-speed dome camera
- Analysable recordings thanks to a built-in video recorder
- Features of the standard video head with 4 motion detectors | 2 speakers |  
4 infrared headlights | 1 analogue / IP camera | modular extensions possible
- Self-sufficient & modular power supply with high-performance batteries and fuel cells
- Fault-proof data transmission in real-time thanks to the integrated GSM / UMTS / LTE modem
- IP66 protection degree, vandalism-proof housing, weight < 750 kg
- Robust telescopic mast with a maximum height of 9 metres

## TOP Features of the WellnerBOX "mobile"

- Preconfigured video head
  - + on-site technician not absolutely necessary
- Can be assembled on vehicle trailers
  - + transportable with any vehicle and Class B driver's licence
- Sophisticated construction
  - + set-up and dismantling by only 1 instructed person possible
- Easy handling
  - + operational in under 30 minutes
- Light & portable design
  - + trouble-free repositioning / moving even without the use of technology
- Connection to emergency call centres (video control stations) possible
  - + conduct virtual guard patrols
  - + respond in real-time
  - + point-specific use of reaction forces
- Well thought-out power supply
  - + carefree monitoring of complete events
- Flexible height
  - + height up to 4 metres = also ideal for motion sensors
  - + insertion height of 4 to 9 meters = more overview and zoom with mobile video surveillance

# WELLNER BOX



Wellner Kommunikation / Automatisierung GmbH | Angerstraße 3 | 04827 Gerichshain

tel.: +49 34292 716 0 | fax: +49 34292 716 50

Email: [info@wellnergmbh.de](mailto:info@wellnergmbh.de) | web: [www.wellnergmbh.de](http://www.wellnergmbh.de) / [www.wellner-box.de/en](http://www.wellner-box.de/en)