



## SecuriLocate Drone Z2 Mobile system for drone detection and defence

The ever-increasing number of private (and commercial) drones poses more and more risks and threats from airspace, both for civil and governmental environments. Likewise, public or political events can be disrupted or paparazzi drones can be deployed to spy on the living environment of those it targets.

### Airspace surveillance: Protection against unmanned aerial objects

Designed for temporary operations, the SecuriLocate Drone Z2 mobile drone detection system provides comprehensive security solutions for detecting, classifying, locating and verifying drones flying remotely and autonomously over waypoints and their remote controls (pilots). A comprehensive perimeter protection concept for airspace prevents drones from entering undetected, spying on an area or handling prohibited objects or even hazardous substances.

With SecuriLocate Drone Z2, any airspace is subject to reliable round-the-clock surveillance with regard to unmanned aerial objects.

### Possible applications and uses

As a mobile unit, SecuriLocate Drone Z2 is modular in design, suitable for rapid installation and commissioning for the temporary monitoring of:

- Events
- V.I.P. areas
- Industrial facilities
- Boundaries
- Airports
- Prisons
- Critical infrastructures
- Military camps
- etc.

### Flexible offer: Purchase, lease or rent

We offer the SecuriLocate Drone Z2 system solution with flexible equipment options. We plan the equipment together with you according to your requirements.

Our offer for your special application is as mobile and individual as SecuriLocate Drone Z2. In addition to the purchase option, our offer also includes leasing or rental models.





## Drone detection for temporary use

### System architecture

SecuriLocate Drone Z2 offers entirely new and unique capabilities for mobile and self-sustaining drone detection – including video verification. The scalable system is easy to operate. Functional use is possible in a very short time, as is dismantling after use.

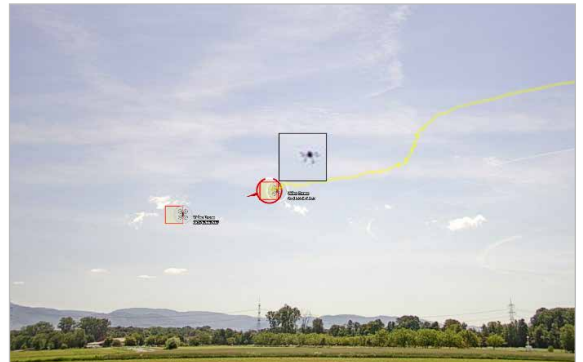
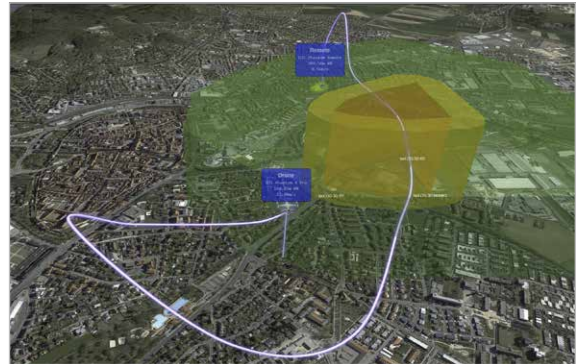
The mobile unit is supplied with power either via a 230 VAC connection or via the power unit supplied. In the event of a power failure, the integrated UPS takes over the power supply for four hours.

Alarm messages can be received in the operations centre. SecuriLocate Drone Z2 is equipped with a complete operation centre. Two monitors visualise site plans and live camera images.

In the event of identification, an acoustic alarm signal sounds and the necessary information is visualised by means of corresponding representations in the site plan. On the system side, the data of all alarms are recorded, both the motion tracking on the site plan and the corresponding video streams. All recordings can be filtered and evaluated at any time according to appropriate criteria.

### Visualisation options at a glance:

- Alarm display of drones and pilots
- Camera display with properties and status
- Control of PTZ cameras
- Control of defence systems







## Individual system adapted to your protection needs

### SecuriWall Drone M2 at a glance

- Quick to deploy – perfect for temporary protection requirements
- System setup and deployment possible within one hour
- External power supply unit included (for operation in a de-energised area)
- Unique drone detection of all frequencies
- Manual control of moving cameras
- Automatic tracking through moving cameras
- AI image analysis for the automatic detection of drones
- Optimised for high frequency environments
- Scan speed 2 THz/s
- Detects and locates the pilot or remote controller
- 360° azimuth and 90° elevation full dome coverage
- Detection already at power on and before lift off
- Detects and locates any number of objects at the same time
- Detects pre-programmed drones (without remote control)
- 24/7 unlimited recording and synchronous playback
- Range up to 5 km
- 3D and 2D display: Drone and pilot with traces
- 3D and 2D alarm zones definable
- Details like drone type, battery capacity, payload, altitude, speed
- Alarm notification on mobile devices
- Can be used anywhere, under any weather conditions
- All-in-one solution with RF, radar, camera, defence and software
- Option for the integration of additional sensors
- Option friendly drones
- UTM option: Live air position of registered flights
- Remote ID option: Recognition of the electronic identification of the drone
- Scalable for a wider range of coverage
- Operating temperature: -30°C to +60°C
- Mobile system with control centre
- Leasing offer besides purchasing and renting
- Made in Germany





# Drone protection with system

## SecuriLocate Drone Z2: Technical data

### Tandem trailer

- Permissible total weight 2.000 kg
- Basic weight approx. 1.300 kg

### Trailer specifications

- Rear wall with single-wing door and lock
- Telescopic mast
- Remote control for antenna extension and retraction
- Heating and roof fan
- LED lighting (inside and outside)
- External power generator
- Storage space with shelf system
- Storage space for camera equipment

### Dimensions

- Height of the trailer floor: approx. 720 mm
- Surface-mount housing (L x W x H): 3.200 x 1.850 x 2.700 mm
- Wall thickness: 30 mm
- Size of recessed roof: 1.000 x 1.000 x 500 mm
- Telescopic mast: retracted 1.670 mm, extended: 5.300 mm

### Material

- Roof and walls: GRP sandwich white, optionally labelled
- Frame components: welded and galvanised

### UPS

- 4x battery 12V / 108Ah
- Emergency power supply for 4 hours

### Connections

- Connection 1 x 230V CEE coupling 3-pole (Schuko)
- RJ45 external
- RJ45 and LWL LC single mode inside
- LTE router

### Remote control options

- 3G/4G connectivity
- Optical fibre connectivity

