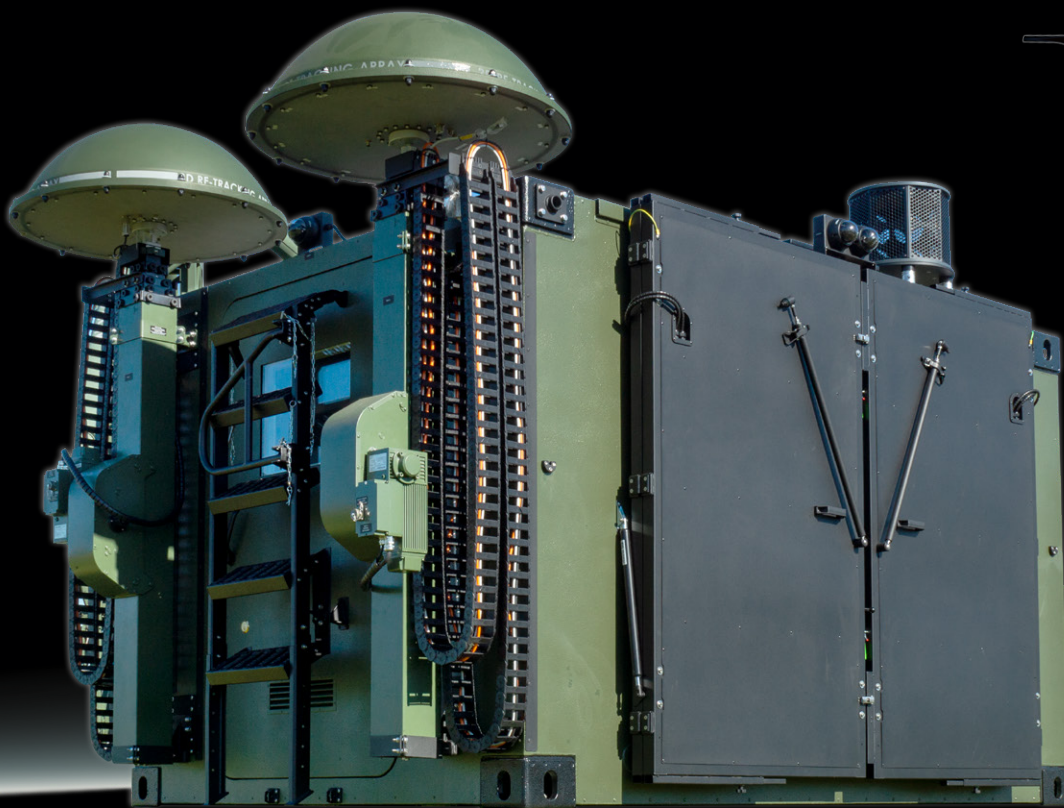


# DDS SHELTER SOLUTION

Complete mobile and self-supplying drone detection command shelter



- ✓ Mobile and quickly ready for use
- ✓ Military standard quality
- ✓ Very short set-up time
- ✓ Command Center & remote controllable
- ✓ Optional fully self-sustaining
- ✓ Gapless detection and surveillance in 360°

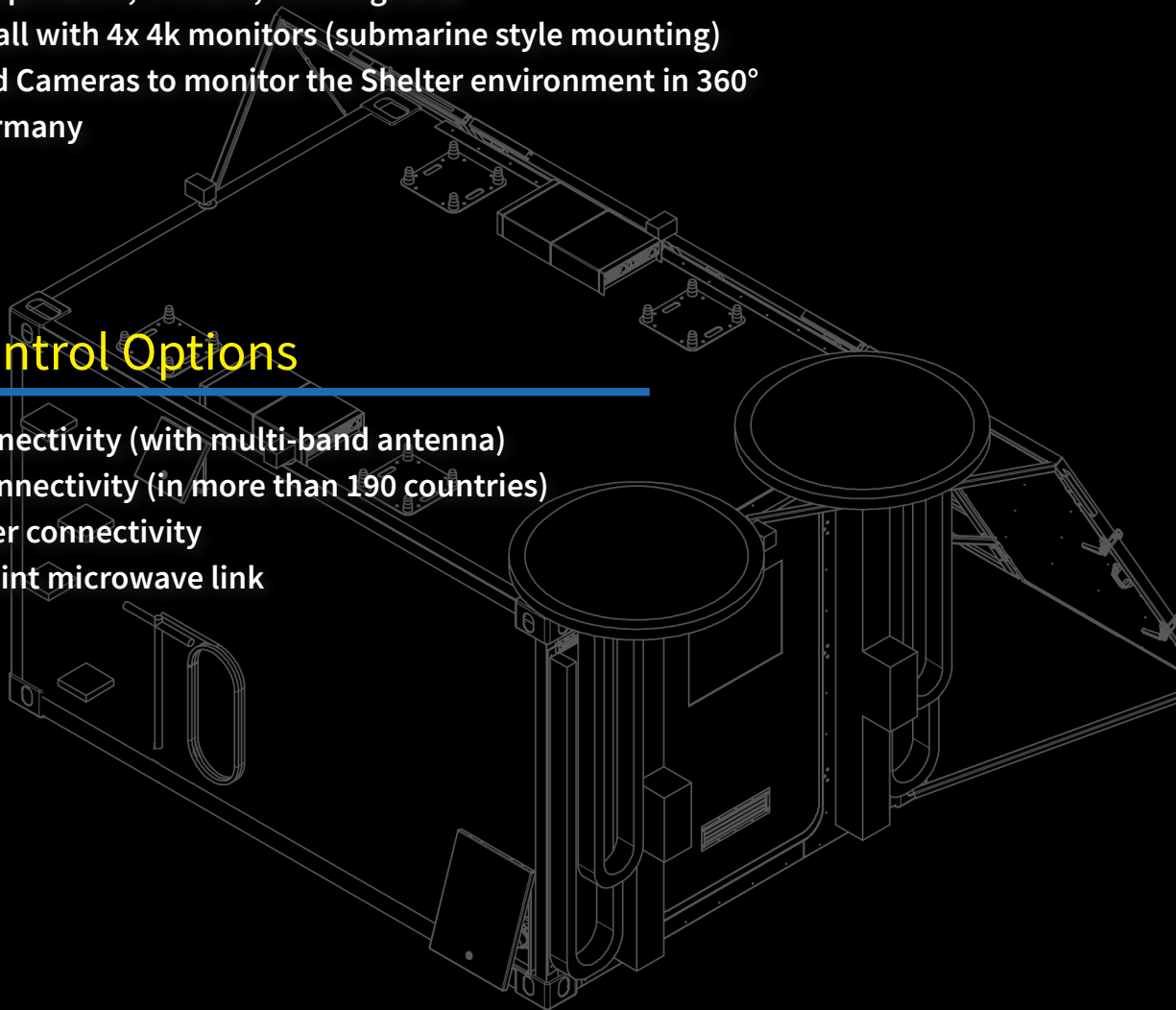


# Shelter Specifications

- ✓ Small shelter version (FM1) measuring 2200 x 1600 x 2445 mm, weight approx. 1 to
- ✓ Large shelter version (FM2) measuring 4250 x 2200 x 2075 mm, weight approx. 1,5 to
- ✓ Painting colour white, NATO green or any other RAL standard (camouflage on request).
- ✓ Solid construction in corrugated steel sheet metal
- ✓ Single door with locking bar and rubber gasket
- ✓ OPTIONAL: 500W Fuel-cell for charging of Batteries
- ✓ Power bank set – Li-Ion batteries
- ✓ OPTIONAL: Solar panels 4 pcs (for large shelter version 6 pcs)
- ✓ Heating / air condition
- ✓ Full electric installation
- ✓ Data/signal installation, prepared for AARTOS Systems, Jammers, Cameras and Radars
- ✓ Special ducts for cables and special universal connectors boxes for connecting cables
- ✓ 19" Racks
- ✓ Two electric antenna masts (optionally up to 4), with energy cable chain
- ✓ Pedestal for 4 additional, stationary masts
- ✓ Place for 2 operators, 2 chairs, working desk
- ✓ Operator wall with 4x 4k monitors (submarine style mounting)
- ✓ 4x Surround Cameras to monitor the Shelter environment in 360°
- ✓ Made in Germany

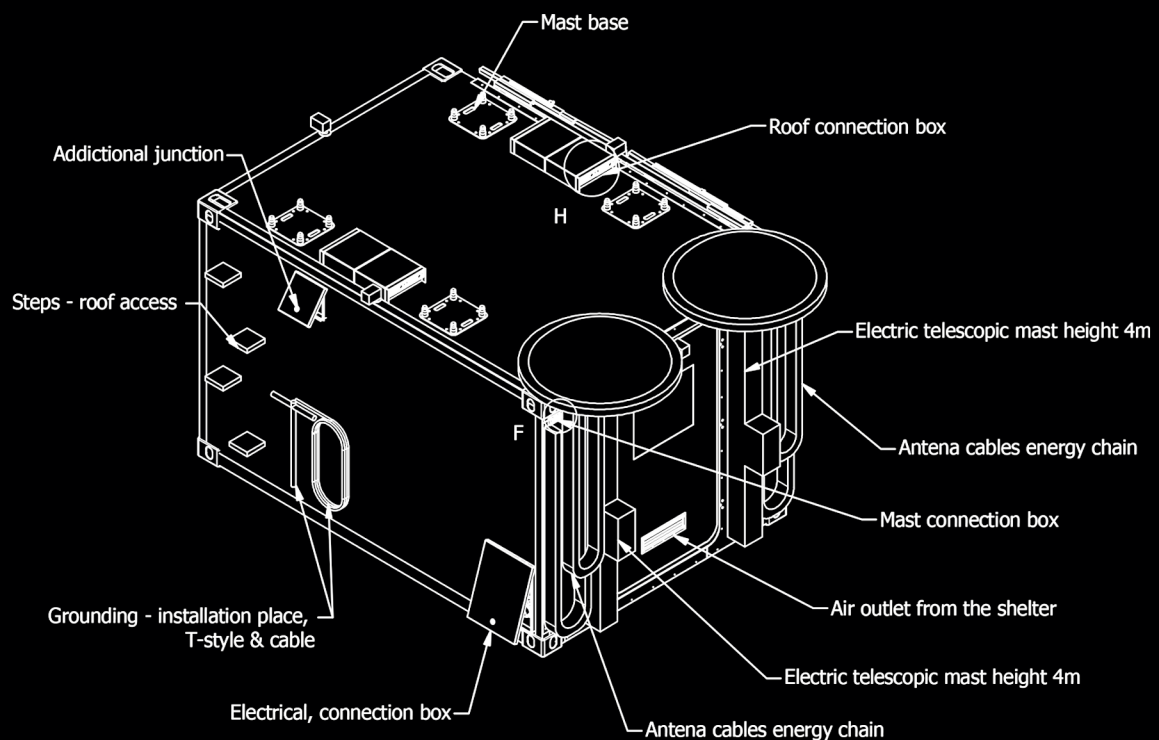
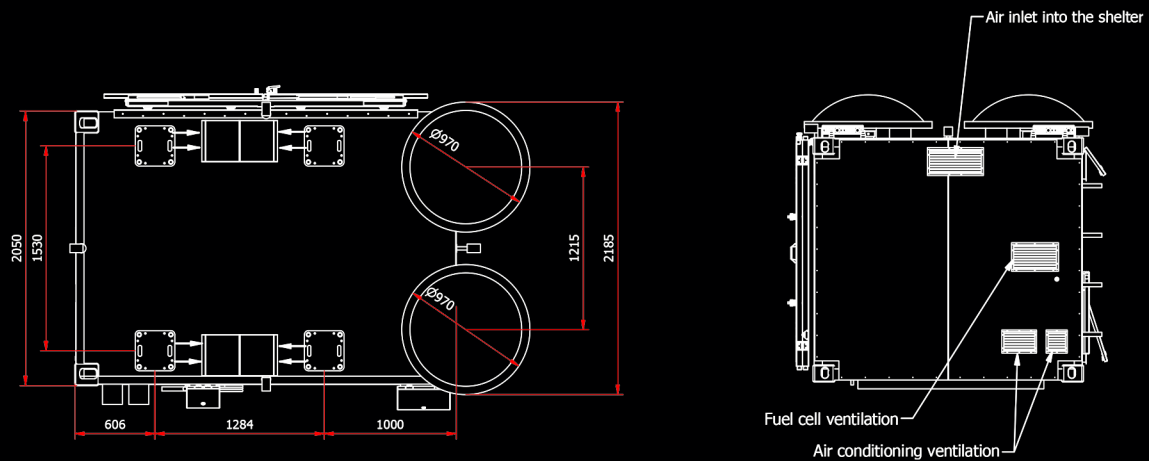
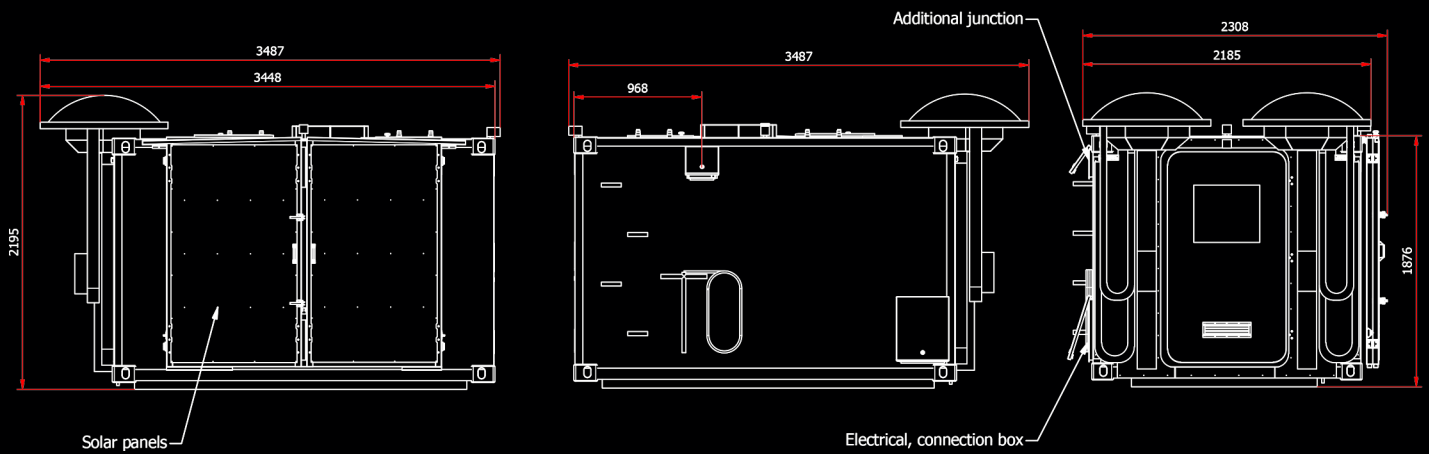
## Remote Control Options

- ✓ 3G / 4G connectivity (with multi-band antenna)
- ✓ Satellite connectivity (in more than 190 countries)
- ✓ Optical-fiber connectivity
- ✓ Point-to-point microwave link



# Shelter Dimensions (Small FM1 version)

All components for professional drone detection stowed away in the smallest of spaces





# Drone Detection Shelter

Our mobile command center and also remote-controllable drone detection shelter

The AARTOS drone detection shelter sets a new benchmark in mobile and off-grid drone detection and video surveillance. Highly scalable and easy to operate, it can be set up and deployed in no time.

It is the perfect solution for surveillance and drone detection at:

- Events (concerts, parades, sport events etc.)
- Industrial plants
- Borders or open spaces
- Airports, correctional facilities etc.
- Military camps



*The AARTOS Shelter control center provides full control.*

## Highlights

- Highly scalable drone detection and video surveillance system
- Also remote-controllable with live video and drone detection feed
- Multi-unit (large grids) support
- Sabotage protection via permanent 360° surveillance and drone detection
- Independent of external motion detectors
- Optional fully self-sustaining
- Shortest make-ready time on the market

## Features

### Automatic Alarms

RF drone detection and video object classifying through latest state-of-the-art analysis plus immediate alarm forwarding

### Alarm Triggering

Alarms can be sent and forwarded via push messaging (email or text message)

### Gapless Detection and Surveillance

Permanent and gapless 360° RF and video detection without dead angles, 24/7

### Optional Fully Self-Sustaining

The DDS can be used as an off-grid solution, powered by solar energy and an additional diesel generator, making it independent for up to three months in perfect conditions

### Live Feed

Access of live and historical video and drone detection feed via mobile network or satellite

### Additional Security

If needed, a direct connection to the Security Guard Control Center can be established

### Easy Setup

The system can easily be set up and dismantled by a single person in around 10 minutes

### German Engineering

Every component of the equipment is thoroughly checked before being carefully installed, making best use of the available space.

*Tailor-Made Solutions*



*A full mobile solution to control the airspace wherever you need!*

# Areas and forms of application

## Security for your airspace, not only for the military

The AARTOS drone detection shelter is available in two standardized cabin sizes (Zeppelin FM1 and Zeppelin FM2). They are therefore easy to handle and fit without problems on any Unimog or other means of transport designed for this standard.

Possible colors are white, NATO green or any other color according to the RAL standard.

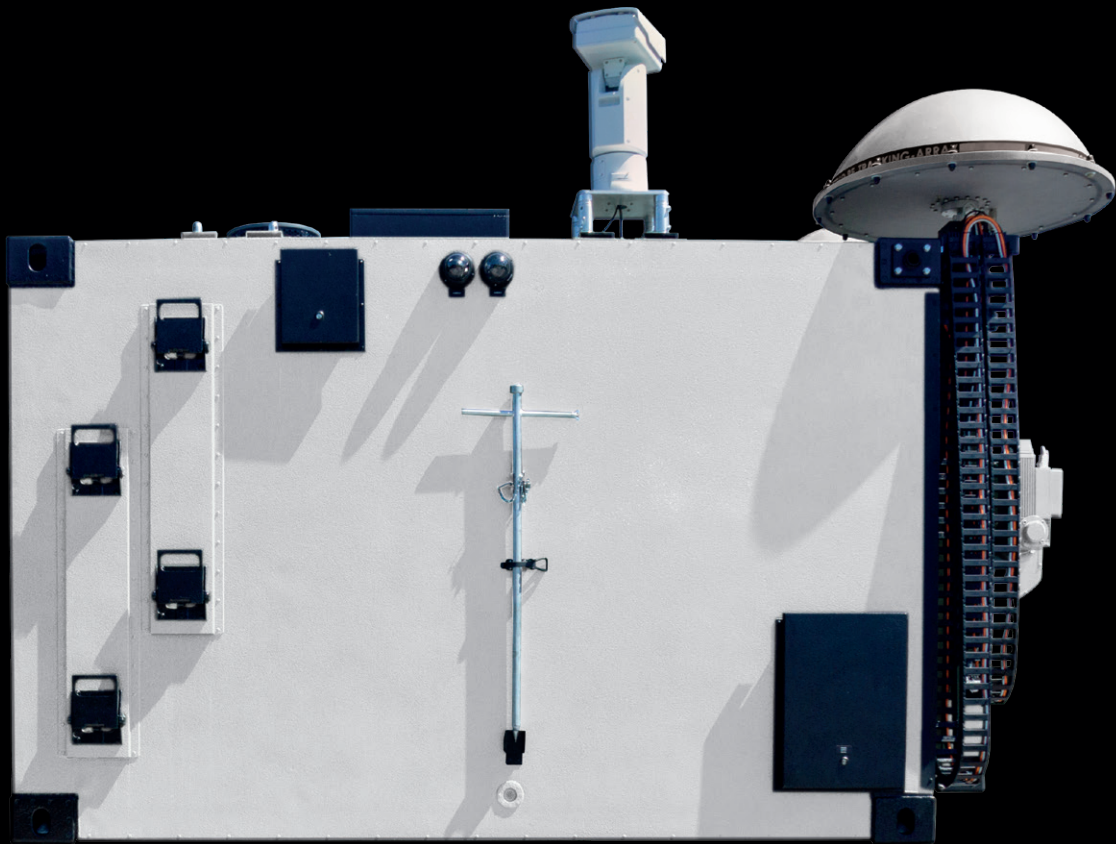
It can be used as a command center but also as a self-sufficient, remote controllable container. The cabin has two seats for two operators. Four 4k monitors provide a complete overview of the airspace and the four surround cameras monitor the shelter environment in 360°.

There are countless applications for this complete mobile solution. For example, the AARTOS drone detection shelter is already in use at airports, in special units to counter threats from the military and to secure events.

The interaction of the AARTOS components and the specially developed software is what makes our system so successful.

Whether mobile or at a fixed location, with operators or remotely controlled, the AARTOS drone detection shelter is the perfect tool for professional airspace monitoring to detect and stop unwanted drones.

Please contact us for further information.



*The AARTOS Shelter is available in two different sizes and in different colors. It can be used as a command center but also as a self-sufficient, remote controllable container.*

- OVER 100 INSTALLATIONS IN 2019 -  
(HUNDREDS CURRENTLY IN PREPARATION)

## CUSTOMER GROUPS

- Military & police forces (ground & air)
- Convoys
- Airports
- Power plants
- VIP security services
- Border patrols
- Government buildings  
(e.g. embassies, correctional facilities)
- Events  
(concerts, political events, sports etc.)
- Seaports / marinas
- Private properties

## AARTOS DDS REFERENCES