

AARONIA AARTOS

DDS CONTAINER

DRONE DETECTION

Mobile, self-sustaining, long-range drone detection container for events and renting



Highlights:

- Short deployment, perfect for event monitoring
- Fully self-sustaining for up to 3 months
- Gapless detection and surveillance in 360°

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MADE IN GERMANY

Container Specifications

- ✓ 5 ft container measuring 2200 x 1600 x 2445 mm
- ✓ Available in RAL5010 (Gentian blue) or RAL9010 (Pure white) colors
- ✓ Solid construction in corrugated steel sheet metal
- ✓ Single door with locking bar and rubber gasket
- ✓ Forklift pockets on all four sides (lengthwise for pallet trucks)
- ✓ Steel sheet floor with rainwater drainage
- ✓ Tripod with three-point mounting and crank
- ✓ Passive container air exhaust through ventilation grille in door
- ✓ Made in Germany

Power Unit Specifications

- ✓ Custom diesel generator
- ✓ Generator-cooling air supply through DN150
- ✓ 95-liter diesel fuel tank with drip tray VA
- ✓ Separate battery, maintenance-free for generator
- ✓ Exhaust gas routing through container floor
- ✓ Separate external combustion air supply
- ✓ Painting drip tray in RAL9005 (Jet black)

Photovoltaic Specifications

- ✓ 2 photovoltaic modules – 285 W
- ✓ Solar charging control with communication BUS
- ✓ Angle control device with pneumatic shock absorbers

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



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Drone Detection Container

Our mobile, self-sustaining and remote-controllable drone detection container

The AARTOS drone detection container 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 DDS Container deployed at the Swiss mountains

Highlights

- Highly scalable drone detection and video surveillance system
- 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
- 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

Self-Sustaining

The DDC is 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 in a robust freight container, making best use of the available space



Everything in its place: The interior of the AARTOS DDS 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

