AARONIA AARTOS

SECTOR UAV-JAMMER

COUNTER-MEASURE SOLUTIONS

Jamming system with 1300 W output power and up to 8 km range

Highlights:
• Up to 1300 W output power
• Extremely high range of up to 8 km
• Covers up to 16 bands
Highlights

✔ Extremely high jamming range of up to 8 km
✔ Covers up to 16 bands
✔ Total output power of up to 1300 W
✔ Covers most of all commercially available drone models
✔ Corner-Jammer (180°) or Omni-Jammer (360°) available
✔ Incl. directional and omnidirectional antenna
✔ Operating temperature range: -20 °C to +60 °C
✔ Made in Germany

Technical Information

✔ 7 - 8 bands with 3 - 4 antennas (2 directional, 1 - 2 omni-directional) OR
✔ 14 - 16 bands in 6 - 8 antennas (4 directional, 2 - 4 omni-directional)

✔ Directional antenna specifications (one antenna covers 90°):
  2.4 GHz - 2.5 GHz / 20 W (high power version: 100 W)
  1,570 MHz - 1,620 MHz (GPS L1 + GLONASS L1) / 25 W (high power version: 100 W)
  5.7 GHz - 5.9 GHz / 20 W (high power version: 25 W)

Impedance:  50 Ohm
VSWR:      ≤1.5
Dimensions(L/W/D):  74.5 x 18 x 8 cm
Weight:    4 kg

✔ Omni-directional antenna specifications (360° per antenna):
  433 MHz (remote control) / 50 W (high power version: 100 W)
  High power version only: 860 MHz - 930 MHz (remote control) / 100 W

✔ Color: gray (default), optional Aaronia black/blue or other RAL colors
AARTOS CMS Jammer Versions

Mobile
Manpack-Jammer

Automatic
Corner-Jammer (180°)

Automatic
Omni-Jammer (360°)

Omni- and directional antenna, covers 5 bands, 120 W (range up to 2.5 km) output

2 sectors with 2 antennas, covers 7 - 8 bands, 180 W (range up to 3 km) or 650 W (up to 6 km) output

4 sectors with 4 antennas, covers 14 - 16 bands, 360 W (range up to 3 km) or 1300 W (up to 8 km) output

Jammer disclaimer

The AARTOS CMS (Counter-Measure Solutions) can only be sold to entities with proper government approval for the deployment of jammers. Contact us for more information at mail@aaronia.de.

AARTOS Drone Detection Versions

X3 (Mobile)

Designed as an easily portable drone and jammer detection device, this setup is lightweight and comfortable to carry. In addition, it offers long battery life.

X7 (Advanced)

The X7 combines precision in drone detection with a very high detection range. Perfectly suited for both single-system and multi-grid system set-ups, it features a 16-sector IsoLOG 3D antenna-array and a spectrum analyzer (Command Centre, XFR Pro or Rugged Rack).

X5 (Base)

This system includes an analyzer (Command Center, XFR Pro or Rugged Rack) and an 8-sector IsoLOG 3D antenna-array. With regard to drone detection systems, the X5 can be used as a very cost-efficient way to cover large areas.

X9 (Ultra Wideband)

Highest precision and range meet ultra-sideband monitoring - the X9 combines these features, allowing for instant, real-time detection on multiple bands (instead of one instant or multiple via hopping). The system consists of a 16-sector IsoLOG 3D antenna-array and an UWB unit.
- OVER 50 INSTALLATIONS IN 2017 -
(300+ CURRENTLY IN PREPARATION)

CUSTOMER GROUPS
- Militaries & Police Forces (Ground & Air)
- Convoy
- Airports
- Power plants
- VIP security services
- Border patrols
- Government buildings (e.g. embassies, prisons)
- Events (Concert, Political, Sport,...)
- Seaports / Marinas
- Private Properties

AARTOS DDS
REFERENCES