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Make ideas real



ARDRONIS ADDITIONS: FOR EVERY MISSION THE PERFECT ADD-ONS



IDENTIFICATION AND DISRUPTION SOLUTION FOR WI-FI CONTROLLED DRONE

ARDRONIS WiFi detects drones that use standard Wi-Fi connections for uplinks and/or downlinks. Detected drones are identified via the transmitted remote ID. The system also offers a range of functions for triggering effective countermeasures such as disrupting the Wi-Fi link between the remote control and the drone. Optional Wi-Fi sector antennas can be used to gain directional information.

Benefits:

- ▶ Reliably detect, classify and identify Wi-Fi drones and their remote controls
- ▶ Identify and locate drones using information in the transmitted remote ID
- ▶ Active threat control through smart disruption of Wi-Fi control links as a countermeasure
- ▶ Early warning while Wi-Fi drone is still grounded
- ▶ Usable as a standalone system or an option for all ARDRONIS systems
- ▶ Different antenna options available



ARDRONIS WiFi
▶ detect/identify Wi-Fi drones
▶ disruption of Wi-Fi drones

AUTOMATIC VISUAL DRONE VERIFICATION OPTION

The ARDRONIS Pan-Tilt Control option allows visual verification of drone detections and automatic alignment of directional antennas. The slew-to-cue function enables rapid and automatic alignment of directional sensors to the drone threat. Alternatively, the pan-tilt heads and pan-tilt cameras can be controlled manually via joystick or mouse.

Benefits:

- ▶ Visual verification of drone detections to simplify evaluation of the threat and enable more targeted countermeasures
- ▶ Automatic alignment of directional antennas to align them to the drone threat
- ▶ Automatic or manual control of pan-tilt heads and pan-tilt cameras
- ▶ Usable with all ARDRONIS systems and integrated into ARDRONIS Control Center



ARDRONIS Pan-Tilt Control
▶ visual verification of drones
▶ automatic alignment of antennas

DISRUPTION OPTION FOR DRONES USING GNSS BASED NAVIGATION

The ARDRONIS GNSS option enables countermeasures against drones using autonomous navigation based on GNSS location data. The system prevents GNSS receivers within the effector range from calculating GNSS based geolocations to disorient unwanted drones. ARDRONIS GNSS is effective against GPS, GLONASS, BeiDou and Galileo protocols and is available in either an omnidirectional or directional configuration.

Benefits:

- ▶ Disorients autonomously navigating drones by preventing GNSS receivers from calculating GNSS based geolocations
- ▶ Widely applicable and effective against GPS, GLONASS, BeiDou and Galileo protocols
- ▶ Usable with ARDRONIS Effect and fully integrated into ARDRONIS Control Center



ARDRONIS GNSS
▶ disruption of autonomously navigating drones

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AQAP-2110

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ARDRONIS additions: For every mission the perfect add-ons

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