



## **ECSI International Presents**



**RS-500 Early warning Drone detection Datasheet**



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### ***Product Description***

**ARTSYS360°** is developing and manufacturing a 3D-360 Micro Radar system for detection and tracking of drone intruders, continuously covering 360° in azimuth and  $\pm 45^\circ$  IN elevation.

**ARTSYS360° Early drone Notification** - is a solution combine ARTSYS360° unique knowledge of Antenna and RF sensing capabilities. It detects drone presence by analyzing signaling channel and radio transmission from drone operator and triggers automatically a Jamming system which deactivates the drone by jamming the GPS signal, communication with the operator and the video transmission and by that immobilizes the drone.

**Early drone Notification for the**

following solutions:

- \* Geo fence protection Area as: Airports, prisons, offices, campus, villas, and sensitive facilities.
- \* On the go (mobile) protection for: Cars trucks and VIPs.

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**Technical Specifications**

	<b>Value</b>	<b>Comments</b>
Input Power	9-24V VDC	1. Electric Power Grid – 1W 2. Solar Panels – OPT. 3. Lithium Battery – OPT.
RF Sensing	Phantom 2 Phantom 3 ADV/PRO. Inspire. Phantom 4	All sensing 2.4 Ghz
Detection Range	500 -800 [m]	High Gain antenna up to 800 [m]
output event	Trigger relay, SMS notification	1 <sup>st</sup> relay trigger for 2 secs 2 <sup>nd</sup> relay for Jammer 20s/40s
Small Dimensions	20x15x7 cm	Outdoor Box
GSM module (optional)	2G Quad Band / 3G UMTS	Optional add on
Solar Kit (optional)	Solar panel + controller + Lion 20 A Batt	Enables Detector to operate off-grid and rapid deployment
RS501 (optional module) WiFi sensing	detects WiFi B, G, N	

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