



YOU SHALL NOT PASS - UK FIRMS DEVELOP DRONE-FREEZING RAY

News / Airlines, Business aviation



Three British companies have created a device to deter **drones** from entering sensitive areas by **freezing** them in mid-flight. The Anti-UAV Defense System (Auds) works by covertly jamming a drone's signal, making it unresponsive.

After this disruption, the operator is likely to retrieve the drone believing that it has malfunctioned. The system joins a host of recently announced technologies which can blast larger drones out of the sky.

A drone flying in sensitive airspace can be detected by the Auds radar and then sighted via a camera equipped with thermal imaging capabilities so that it can be targeted visually.

Then, a high-powered radio signal can be focused on the drone - essentially overriding the connection to whoever is operating it. The whole process takes as little as 25 seconds, according to the manufacturers.

"It's a radio signal. There are a number of frequency bands that are used by all of the manufacturers," explained Paul Taylor of Enterprise Control Systems, which developed the product along with Blighter Surveillance Systems and Chess Dynamics. "We transmit into those frequencies in the direction of the UAV using a directional antenna".

Aviation authorities are increasingly concerned about nuisance hobbyists flying drones close to large aircraft at airports.

SOURCE: AEROTIME

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