CTL3530
JammerCam™

Product Overview

'JammerCam™' from Chronos triggers a photo trap from a passing vehicle carrying a GPS L1 jammer. JammerCamTM emails the image of the vehicle via a server to your phone within seconds of the event. Additionally, analysis can be performed using the server's web GUI such as frequency, time of day, day of the week.

JammerCam™ has the ability to both pinpoint the location of the L1 jamming signal and capture an image of its source. The system is 'always on' and continuously vigilant to the threats posed by GPS jamming, providing instant actionable intelligence for law enforcement and security professionals.

Key Features

- World's first jammer triggered camera
- GPS L1 jammer trap for cars, vans and trucks
- Detect stolen vehicles and plant
- Detect criminals evading detection and covert tracking
- Detect jammer in shipping containers

Users Include

- Law Enforcement Agencies
- Communications Licensing Regulators
- Security Operatives
- Fleet Operators
- Critical Infrastructure Operators
- Car dealerships
- Ports
- Motorway Services

Examples of GPS Jammers

JammerCam™ in situ at motorway services

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Example of image captured by JammerCam at trial site

How JammerCam Works

The JammerCamTM uses existing 3/4G backhaul to deliver data back to a secure server. JammerCamTM captures multiple images to ensure that the suspect vehicle is in the frame. The camera can be angled and the images timed to ensure that the front of the vehicle is visible including the vehicle registration mark. RF data can also be viewed showing the impact of the jamming signal.

Relatively small and unobtrusive, the JammerCam unit can be secured at security gates, sign posts, CCTV masts etc. The only requirement of any trial site is 240 VAC power.

Trials

The system has been successfully trialled at GPS jamming trials in the UK and USA and continues to evolve towards General Availability status.

Collaborative Research Project

JammerCamTM has evolved out of an "Innovate UK" supported collaborative research project, "Automatic Jamming Recognition" (AJR), between Chronos Technology Ltd and the University of Bath's Department of Electronic & Electrical Engineering.

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