



SALES INFORMATION & SPECIFICATIONS

**Covert-Systems.com**

by Ross Associates

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**Jammer  
Detector  
(J-Alert)**

## Radio Frequency Jammer Detector Model JA2020-USA



### Features:

- Detects:
- GSM/CDMA
- 850/1900
- UMTS
- GPS
- Lojack
- 12 Vdc Operation

**\$1,500.00**

### Applications:

#### Vehicle/Cargo Thefts

J-ALERT will detect jammers in use for Vehicle and Cargo thefts. Jammers are used by criminals to defeat both Commercial onboard navigation and recovery systems as well as Law Enforcement tracking systems.

#### Drug/Contraband Smuggling

Frequently criminals transporting drugs and contraband will operate jammers to defeat law enforcement tracking efforts even if they only think they are being tracked by law enforcement. This is a great Interdiction Tool for officers to form grounds to stop vehicles. (Probable Cause / Reasonable and Probable Cause)

#### Parolee Security

J-ALERT will detect Parolees on GPS tracking using Jammers to avoid detection of entering prohibited areas (playgrounds, bars).

#### Surveillance Troubleshooting/Advance Recon

J-ALERT should be part of every Police installer's kit to determine if Jamming already exists on a vehicle or troubleshooting why you can't track a target, thereby eliminating unnecessary approaches to target vehicles for Officer Safety. If reconnaissance reveals the use of Jammers by the subject then alternative surveillance methods can be planned for and implemented.

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## Actively Discover Illegal Jamming Devices

Recent years have seen a significant rise in the use and availability of illegal jamming devices. These devices are used to defeat surveillance and security equipment including cellular devices (audio/video), GPS and Lojack tracking. While Jamming of signals is itself illegal in most countries, identifying when a jammer is in use has always been difficult. The J-ALERT makes jammer detection and tracking easy safe and cost effective.

The J-ALERT is an RF signal analyzer that monitors Cellular Radio Frequencies, GPS and Lojack to determine if the target is actively jamming these signals. When the J-ALERT detects jamming in the cellular bands a corresponding LED will light to indicate the Received Signal Strength (RSSI) of the Jammer and which band is being jammed. When GPS L 1 frequency and a cellular band or Lojack is being jammed a bar graph indication of jammer received signal strength (RSSI) from the Jammer is displayed enabling tracking. If both a cellular band and GPS L 1 are being jammed simultaneously or if Lojack is being jammed a beep will sound every 3 sec. to alert the operator a jammer is in use The J-ALERT also has a stereo jack on the back of the unit with both N/O and N/C contacts for triggering an external device on alerts.

### Specifications:

JA2020 North America model

#### Detectable Frequencies

Cellular: GSM/CDMA 850/1900, UMTS  
GPS: L 1  
Lojack: VHF

#### Mechanical

Dimensions: 4.7 X 4 X 1.1 in (0 x W x H)

120 X 103 X 30 mm (0 x W x H)

Weight: 0.3kg  
Enclosure: Silver anodized housing  
Power: USB 5 vdc

External 10 - 28 vdc using supplied adapter

Internal li-ion battery rechargeable (2hr runtime)

Relay Output: Stereo 2.5 mm jack 1-N/O 1-N/C contact

Antennas: 3 x - Stubby 90 degree SMA