



Research Electronics International, LLC  
455 Security Drive, Cookeville, TN 38506 USA

FOR IMMEDIATE RELEASE

## ANDRE Deluxe Offers Higher Frequency Detection Range, Ultrasonic Detection, and New Software

*New antenna extends frequency detection range to 12 GHz*

COOKEVILLE, TN – June, 2018 -- Research Electronics International (REI), a leading manufacturer of counter-surveillance equipment, announces the release of the ANDRE Deluxe Near-Field Detection Receiver. The ANDRE detects signal activity and displays a histogram of signal strength over time. It is a handheld broadband receiver capable of detecting covert electronics including GSM bugs, microphones, cameras, RF and Wi-Fi transmitters, mobile phones. Applications may include:

- RF emissions detection
- Prison contraband
- RF spectrum management
- Executive protection
- Technical surveillance countermeasures (TSCM)
- Intelligence protection
- Fraud detection at exam testing sites



The ANDRE's success at detecting and locating the source of RF, infrared, visible light, carrier current and other types of transmissions has expanded in the new Deluxe model with several additional antennas/probes, accessories, software and operational features.

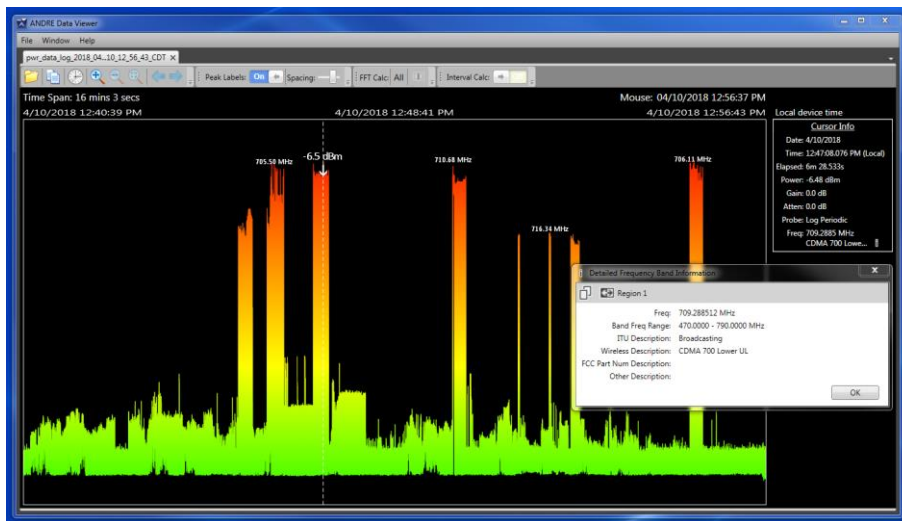
### New Antennas/Probes

- Downconverting Antenna – this directional antenna replaces the log periodic in the Deluxe and provides twice the frequency range. The Downconverting antenna has 2 bands, Band 1 (500 MHz – 6 GHz), and Band 2 (6 GHz-12 GHz)
- Ultrasonic Probe – this probe detects ultrasonic sound waves that are beyond the upper audible limit of human hearing (15 kHz – 80 kHz), including ultrasonic jamming devices
- Directional Antenna – this antenna provides directional detection of lower frequency signals (300 Hz to 20 kHz)

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### Software and Operational Features

- Data Logging is a new software feature that provides detailed long term histogram data for downloading to PC and viewing in the ANDRE Data Viewer software. Signal data includes: time/date, signal amplitude, user settings, probes, chart duration and detailed frequency band information. There are 3 optional resolution modes:
  - 250 hours and 500ms resolution
  - 25 hours and 50ms resolution
  - 30 minutes and 1ms resolution
- ANDRE Data Viewer – this PC software program presents information from Data Logging files in a histogram display for post sweep review, analysis and reporting. It can also open captured screen shots. The ANDRE Data Viewer can be downloaded from the REI website.



*The ANDRE Data Viewer displays Data Logging files in a histogram chart for review, analysis and reporting. This chart shows a 16 minute (1ms resolution) data chart with several strong 700MHz (cell phone) signals.*

- ANDRE Deluxe Accessories –new accessories include a 6 ft. boom extender to increase antenna reach. A table top tripod provides stationary placement of antennas. New 5 ft. and 9 ft. probe connector cables are included to supply power to new ANDRE Deluxe antennas as well as passive connectivity to existing antennas. An IR Filter attached to the ANDRE filters out everything but infrared.



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All ANDRE models include a built-in frequency counter that logs the strongest signals to a signal list, and includes detailed information like signal strength, attenuation and gain, and communication band classification. Band identification helps determine the FCC frequency allocation the signal falls within. It includes an audio amplifier for listening to demodulated analog audio and ten second recording. The ANDRE also captures and stores screen shots and audio files. A USB cable transfers files and recharges batteries. It auto-detects attached antenna probes.

Other ANDRE Deluxe probes/antenna include:

- Whip/Dipole Antenna (30 MHz – 6 GHz)
- RF Sniffer/Locator Probe (20 MHz – 6 GHz)
- VLF Loop Antenna (10 kHz – 30 MHz)
- Concealed Antenna (750 MHz – 6 GHz)
- Acoustic Leakage Probe
- Audio Transformer (300 Hz – 20 kHz)
- Carrier Current Probe (100 kHz – 60 MHz)
- Built-in Visible Light/IR Detector (1 kHz – 70 MHz)



ANDRE Basic and ANDRE Advanced models are also available, and can be upgraded to the ANDRE Deluxe. One-day ANDRE courses are offered through REI and registration is available online. For more information contact [sales@reiusa.net](mailto:sales@reiusa.net) or visit [www.reiusa.net](http://www.reiusa.net).

### About Research Electronics International

REI has been designing and manufacturing technical security equipment to protect against illicit information theft and corporate espionage for more than 30 years. REI is recognized as an industry leader by corporations, private security, law enforcement agencies, and government agencies for technical security equipment. REI's corporate offices, R&D, manufacturing facilities, and Training Center are located in Tennessee USA, with an extensive global network of resellers and distribution partners. For more information call +1 (931) 537-6032 or visit [www.reiusa.net](http://www.reiusa.net).

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