

INTELLIGENCE & COUNTER MEASURES



AGT offers solutions to even the most complicated security challenges in the global sphere. AGT establishes new training centers to meet client demand, wherever and whenever required. In-country training models are designed to coincide with the operational timetables of your organization.

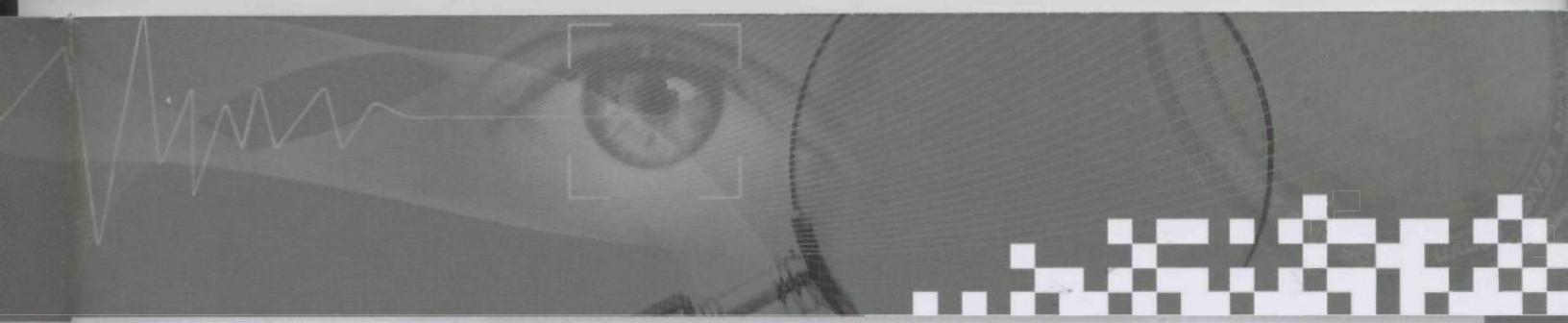
Established in 1990, our company specializes in the sales and distribution of defense systems and equipment to militaries and police forces around the world. We represent some of the most respected and well-established companies in the global defense and security industry.

Our staff members have extensive military backgrounds and have held many commands.

Our Company is a **ONE STOP SHOP** focused on meeting our clients' needs by providing a full-package deal:

- **Ground Forces:** Supplying full-package to meet the needs of ground forces, from personal gear for the soldier to equipment and platforms for the platoon and unit.
- **Riot Control:** Supplying full range of products from gear for the riot-control officer to special items for entire units.
- **Counter&Anti-Terror / SWAT:** Supplying the most advanced Counter and Anti-Terror gear and training to SWAT teams worldwide.
- **NBC:** Supplying rings of exposure and identification devices for NBC as well as cleaning and treatment protection devices for dealing with dangerous materials.
- **Homeland Security:** Providing training, consulting and gear to protect maritime ports, airports, train stations, military bases, prisons and compounds.
- **K9 - Dogs:** Supplying attack, explosive and charge detection, drug detection, search and rescue dogs as well as training and gear.
- **EOD&IED:** Supplying full package gear from the ballistic protection to the professional equipment. We also supply a diversified variety of services related to numerous ammunition related activities such as Ammunition Demilitarization, Demining & Area Clearance.
- **Perimeter Defense:** Providing full turn-key projects as well as other Sophisticated Solutions such as an Electronic Perimeter Intrusion Detection Systems and other types of defense and safety measures.
- **Ballistics:** Manufacturing and supplying bulletproof plates, body armor, ballistic helmets, armored vehicles, special armoring and armored gear complying with the highest international standards.
- **Rappelling:** Providing Professional Equipment that was specially developed for the use of SWAT teams, Counter Terror and Special Forces around the world in Rescue missions and other Military applications.
- **Textiles:** Providing a wide range of high quality textile Products, from personal gear, through special tactical items to unit gear.
- **Defense Academy:** Providing consulting services and specialized security training of ALL TYPES, insuring that the quality of your knowhow will be as great as your equipment.





Availability of Advanced Technologies in today's world poses a major threat for governments, armed forces and law enforcement agencies when used by hostile elements, spies or criminal organizations. This concern requires the authorities to adapt and find answers in the form of new Advanced Technologies and Counter Measures as the first line of defense against more and more sophisticated and hi-tech hostile elements. An effective intelligence gathering provides reliable information which, if used correctly, can give the required time and advantage to react and defuse potentially dangerous situations in the best way possible.

Based on years of extensive experience with intelligence needs, TAR can offer the most innovative, functional, comfortable and safe products in a wide variety of fields, from Cellular Interception Systems and GSM solutions to Jammers, Observation Systems, Tracking Equipment and UAV's.

TAR takes great pride in its Cellular Interception Systems' capabilities, which include full passive and semi passive GSM solutions, in addition to other areas of expertise such as:

CDMA passive solutions

Personal satellite communication interception, including Thuraya, Iridium, VSAT and other commercial channels

Wi-Fi interception solutions

Internet traffic interception solutions

Frontends integration with larger scale systems

Each of the systems we offer is field proven and can be provided either as a tactical solution for a single user or a strategic solution (installation in fixed facilities with many operators).

The wide range of technologies and special devices we offer puts TAR at the top as a ONE STOP SHOP and world leader in the Intelligence & Countermeasures field.



GSM & SATELLITE INTERCEPTION

GSM INTERCEPTION SYSTEM

IB04Q1

Works with any type of encryption, including A5/1 and A5/2 Off-the-air, fully passive, interception, decoding, processing and monitoring of GSM signals.

Coverage of all frequency bands for GSM (850, 900, 1800, 1900MHz).

Automatic Language/Dialect and Speaker Recognition.

The system is the most advanced GSM interception and monitoring system that currently exists worldwide.

The system includes both hardware device and accompanying software.

No cooperation with the network operator is needed. Several portable interceptors can be managed and controlled by a central GSM processing and A5/1 deciphering system.



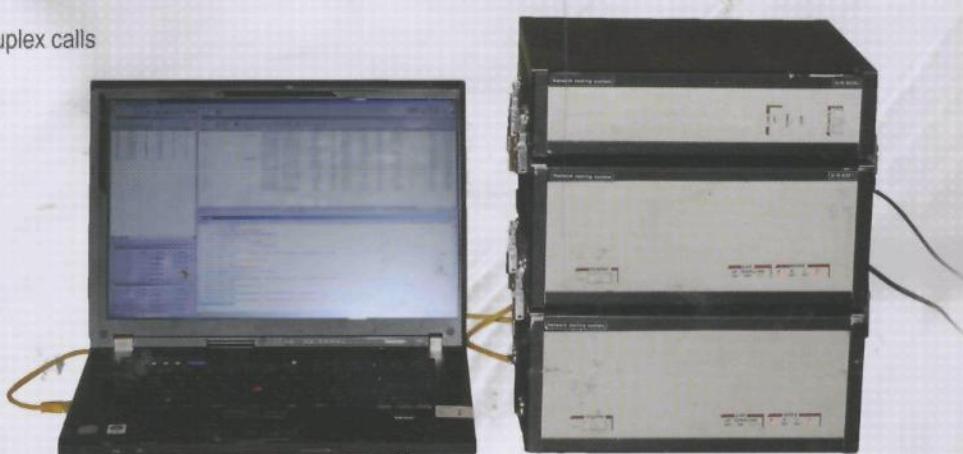
SEMI PASSIVE GSM INTERCEPTION SYSTEM

IB04Q2

Fast and reliable interception, interrogation and jamming of GSM traffic.

Interception for Incoming and Outgoing encrypted GSM communication including A5/1 in real-time and without cooperation with network operators:

- Interception for multiple concurrent duplex calls
- Simultaneous interception of multiple operators
- Selective jamming and phone manipulation capabilities.
- Extracting of phone identities including phone numbers
- Invisible and undetectable operation
- User-friendly operation
- Operational Applications
- Off-Air Interception
- IMSI/IMEI catching
- Selective jamming of communication
- Presence verification
- Data Analysis
- Direction Finding Support



THURAYA INTERCEPTION SYSTEM IB0501

Thuraya is the first generally available mobile satellite communication system covering the territory of 110 countries of Europe, Central Asia, Middle East, North and Central Africa. Main services of the Thuraya satellite communication system are:

- Voice communication.
- Dial-up data transmission;
- GPRS batch communication;
- Facsimile communication;
- Transmission of short messages;
- Defining of geographical position of subscribers.

The system is intended to intercept information transmitted through Thuraya Network channels. Thuraya Interception System provides:

- Interception of voice communication.
- Interception of Facsimile communications.
- Interception of short text messages.
- Interception of data transmitted between terminals of the system.
- Interception of call related information.
- Defining of geographical position of Thuraya terminals.
- Continued (24/7) operation, processing and storage of information.
- Full range and flexible retrieval of stored information on the user demand.
- Issuing of reports and recommendations based on stored information assessments.



IRIDIUM INTERCEPTION SYSTEM IB0502

The Iridium satellite constellation is a system of 66 active communication satellites with spares in orbit and on the ground. It allows world wide voice and data communications using hand held satellite phones. The Iridium network is unique in that it covers the whole earth, including poles, oceans and airways. Iridium Interception System is intended to intercept information (voice, SMS, data) in IR communication channels. The system is completely passive, does not interfere with satellite communication and therefore absolutely undetectable. Iridium Interception System consists of three functional modules:

- MILEOSS (receiving and signal processing module)
- FSU (data accumulation module)
- WPU (data processing module).



CELLULAR DETECTION & JAMMING

CELLULAR PHONE DETECTION SYSTEM

IB0601

This mobile phones detection system is used by information security officers in military and defense facilities, where cellular traffic control is required to prevent information leakage via GSM cell phones or any other cellular phones. System is used also in other areas where cell phone use is forbidden, for example prison compounds. Each cellular phone detector is a small covert device that can detect any required cellular standards and network simultaneously: GSM, UMTS - 3G, Nextel, CDMA, iDEN and more.

Connected to main control software which provides real time audio and visual alerts upon each event of cell phone usage detection: attempt to send or receive a phone call, text message, multimedia message etc.

The software provides the guard in charge with online detailed information which is most useful in order to easily locate and confiscate the detected unauthorized cellphone.

The software includes history log file with valuable information assisting in maintaining permanent information security in the facility.

Effective, user friendly, simple and easy to use.

Designed to offer a long term solution, this cellphone detection system is fully upgradeable:

New cellular standards can be added in the future – cellphone detectors can detect multiple cellular frequencies simultaneously.

Detectors can be modified to include cellular jammers, operated only upon cellular phone detection.

This cellphone detection system has minimal maintenance requirements. The mobile phones detectors and software's flexible design, makes the system compatible for any budget or facility size, from small rooms to large complexes.

Control System Operation



Features:

- Fully upgradeable
- High sensitivity
- Easy to use control software
- Audio and visual alerts

Used by:

- Prison facilities
- Correctional facilities
- Government headquarters
- Military commandcenters
- Detention centers
- Border control checkpoints
- Law enforcement operations center



CELLULAR JAMMING AND DETECTION

IB0701

A portable cell phone jammer. Remote-controlled and fully digitized, this cellular jammer is designed for field missions that demand the combination of vehicle use as well as independent use where no power source is available.

In the global war against crime and terrorism, military and law enforcement agencies came to face a small, cheap and innocent looking weapon - cellular phones. Cell phones are used by criminals and terror organizations as tactical tool for communication in routine and during attacks or crimes. Attached to improvised explosive devices, cell phones are also being used as a remote trigger for detonation, causing heavy casualties.

This portable cellphone jammer blocks all required cellular network standards simultaneously: GSM, CDMA, TDMA, UMTS (3G), Nextel, 2.4 GHz and more.

Using its remote control, blocking range of this mobile phone jammers can be easily adjusted, according to operational needs.

Optional spare batteries enable continuous and unlimited cellphone jamming.



VERY HIGH POWER PROGRAMMABLE CELL PHONE JAMMER

IB0702

A modular cellular communications jammers, designed for fixed or vehicle installation, where high transmission power and multiple frequency bands are required to block cellular communications within a large coverage area. Housed in a 19" rack, and can be activated via 12/24 Vdc power source or 110/220 Vac.

Used by security forces to block cellular phones in large outdoors areas in routine or during emergency. Once the device is operated, it transmits accurate signals that disables communication between cellular phones and cellular base stations, thereby creating a cellphone-free zone. Inhibitor supports an unlimited frequency band composition according to customer requirements. It can block all required cellular networks and standards simultaneously, including GSM, CDMA, TDMA, UMTS (3G), Nextel, 2.4 GHz and more.



ACOUSTIC NOISE GENERATOR

IB0703

Designed to defeat wired microphones inside walls, contact microphones, audio transmitters located in AC outlets, and laser/microwave reflections from windows.

Specifications

- Size: 1-3/4 x 6 x 10 in (4.4 x 15.2 x 25.4 cm)
- Weight: 3.0 lbs (1.4 kg)
- Channels: Two
- Output voltage: 1-12 Vp-p @ 8 W (1-1/2 W min)
- Frequency range: 250 Hz - 5 kHz ($\pm 3\text{dB}$)
- Power: 115-125 or 230-250 VAC 50-60 Hz 24 watts max



SCRAMBLERS & ENCODERS

ANI DISPLAY DECODERS/LOCAL REMOTE CONTROLLERS IB0801

Desktop Dispatch products enable the dispatcher to monitor fleet communications and to identify and stop system abusers. When the user keys up their radio a PTT ID or ANI is transmitted. This ID can then be displayed on Midian's DDU along with the time, alias and status (if applicable).



COMPUTER AIDED DISPATCH IB0803

A computer based ANI display decoder. It decodes and displays the incoming ANI, as well as an alias, status, and the time and date of the ANI. Also decode leading, trailing, and Emergency ANI and log the incoming information to a disk or printer. Allows the dispatcher to remotely key-up a radio for a predetermined amount of time to eavesdrop or triangulate on a particular field unit.



MULTI-FORMAT ANI DISPLAY DECODER IB0802

ANI Display Decoders enable the dispatcher or system administrator to monitor fleet communications by identifying which field radio keyed. This is used to identify system abusers, accurately and timely identify emergency conditions, and allows the dispatcher to know who he or she is talking with and to assign calls fairly. When the user keys or unkeys the field radio a PTT ID or ANI is transmitted. This PTT ID can then be displayed on Midian's ADD series ANI display decoders.



PROGRAMMABLE VOICE SCRAMBLER IB0804

The Programmable Voice Scrambler protects your voice communications by mixing the frequency of the voice with an inversion tone in a balanced modulator; sum and difference frequencies are created. The Programmable Voice Scrambler can be fitted into most radios.

Specifications:

Operating Temperature: -30 to +60 degrees Celsius

Operating Voltage: 4.75 - 15 VDC

Operating Current: TBD

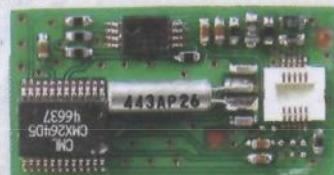
Input Level: Programmable

Dimensions (inches): 1.59 L x 0.83 W x 0.19 H

Encryption Specifications: Inversion

Frequency Range: 2100 - 4096 Hz

Selectable Inversion Codes: 16



TACTICAL VOICE SCRAMBLER IB0901

This tactical high-security, rolling code voice scrambler offers protection against even determined listeners. By using true frequency hopping rather than frequency sweeping, The Tactical Voice Scrambler offers higher security than competitive rolling code voice scramblers. The Tactical Voice Scrambler is ideal for government (i.e. military) and public safety users who are using man pack radios.



ENCRYPTED PHONE (SOFTWARE) IB0903

A software based that installed by license on regular mobile phone of NOKIA. Our encryption system is software based. It utilizes the Nokia™ native processing power and does not require any additional hardware. The only network requirement for the secure mobile is DATA CALL enabling which most networks support.



SPY PHONE (SOFTWARE) IB0904

The Spy Phone is able to intercept cell phone conversations, environmental conversations, also in switched off mode (phone dead), incoming and outgoing SMS, incoming and outgoing call list, notification SMS on boot, cell phone location track through an SMS containing location name and its network cell ID.

Functions:

- Environmental hearing in switched off mode (phone dead)
- Environmental hearing available also without battery
- Environmental hearing, Call interception, SMS Interception



WIRELESS EAR-PIECE IB0902

A tiny wireless ear-piece and a special wire you wear under your collar. Connects to NOKIA mobile phones. Lets you hear and speak without wires without the people around you knowing. Includes a cleaning set. Battery life about 5 hours of transmission.



SIM CARD ACCESS UNIT IB0905

A handy mobile forensic add-on to XRY and XACT, is used to examine mobile phones that don't have an original SIM card, mobile phones that have a PIN locked SIM card or that don't have a net connection. With the help of the card, the user can create a SIM card that gives access to the mobile phone without destroying the information: phonebook, call lists and more. If the card is available and not PIN locked, and you want to examine the cell phone without connecting to the network to avoid incoming calls or text message.



VEHICLE BORNE JAMMERS

HUMMER - JAMMER

IB1001

The Hummer H2 is specially customized to accommodate a fully integrated broad band jamming system which provides the ultimate solution for Military and Police convoys. The JAM system covers continuously and simultaneously the full spectrum of RF communication frequencies from 20MHz to 3000MHz.

Using the latest jamming technology, the fourth generation of our JAM has an ultra high overall RF transmitting power of 1575 watts.

The jammer modules independent 10,000 watt AC generator back-up battery pack and all other components are hidden from view inside the trunk and rear compartments of the vehicle. The systems omni directional antennas are all concealed beneath a berglass false roof. The Operator's remote control panel, located near to the Driver provides quick access for full system control. Internal RF protection shielding provides safety for Driver and Passenger. Optional armoring to level B6 is available for all our Military and VIP vehicles.

The system operates continuously in all weather and all road conditions.



EOD/IED JAMMERS

IED JAMMER IB1101

A battle proven, modular wireless communication jammer, designed for vehicle or fixed installation. Consisting multiple transmission frequency bands and high transmission power, used for force protection. The IED Jammer consists of a multi-channel jamming transmitter and unique software, configured as a modular jamming system that allows the end-user to select protection against any threat. Delivering powerful jamming signals through a matching array of antennas. When installed in a vehicle it creates a secure electronic shield around the anti-IED vehicle, providing IED protection to the entire team.

Applications:

- Convoy protection
- Anti-terror units
- Bomb squads
- VIP protection
- Elite military and police units
- Military bases



LIGHTWEIGHT BACKPACK IED JAMMER IB1102

Designed for ground troops under risk of encountering remote controlled improvised explosive devices, known as RCIEDs. Fully weatherproof, relatively small and backpack mounted, the backpack Jammer has a robust mechanical design, addressing different frequency range requirements simultaneously. This back pack, man portable jammer is blanketing a given area to prevent radio receivers from achieving RF signal for detonation of remote controlled explosive weapons, equipped with long mission-life rechargeable batteries, allowing field use. Based on advanced research and development in counter IED technology, the backpack jammer can be configured to block different frequency bands including: VHF, UHF, cell phones, satellite phones and more. This IED jamming device can be programmed by connecting to a laptop computer equipped with Net line's counter IED configuration software.

The backpack bomb jammer is used by:

- Military ground troops
- Bomb disposal units
- Law enforcement agencies
- Elite units

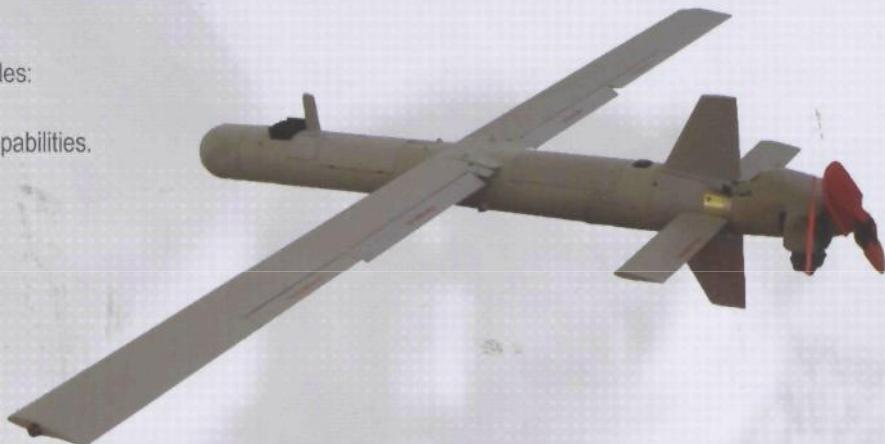


SUB-TACTICAL UAV

IB1201

Sub-tactical unmanned aerial vehicle provides:

- Cost-effective intelligence.
- Surveillance and reconnaissance (ISR) capabilities.
- Situational awareness.
- Force protection and security.
- Remote warfare operations.



The Sub-Tactical UAV is equipped with an Electro-optical, day/night, stabilized payload. Its advanced avionics provide a fully manual to fully autonomous flight, combined with surveillance and recognition capabilities.

A typically configured, fully fueled Sub-Tactical UAV weighs approx. 45 Kg, carries a mission specific payload of 12 Kg, and cruises at 60-70 Kts. for over 4hr. It can be fitted with a larger fuel tank to facilitate extended flight duration. The system is external-pilot-free. The 2 separate ground control elements (mini-GCS & LRS) as well as a portable video receiving station allow for increased flexibility when deploying and operating the system.





UAV WITH AN INTEGRATED WEAPON SYSTEM

IB1301

This UAV is capable of capturing and reporting intelligence data in real-time and day/night operation over a pre-determined target zone. The UAV contains the necessary elements to achieve relevant missions, either as a stand-alone system or as an integral part of a total intelligence and weapon delivery system.

Main features:

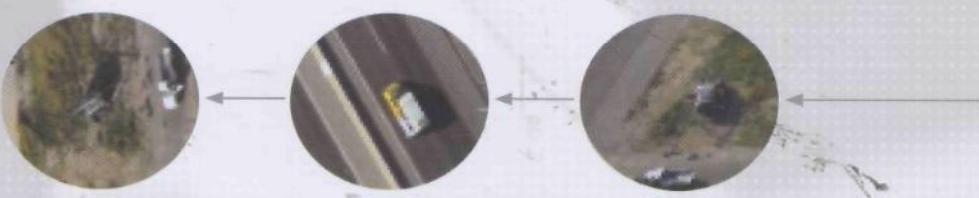
- Short ground take-off. Equipped with an arresting hook allowing a short landing.
- Maximum vehicle performance can be maintained with payloads up to 37 Kg.
- Short turn-around time. Assembly/disassembly requires a 3 person crew.
- Can, optionally, be launched from a catapult and retrieved by parachute deployment.
- Ample-electrical power (1800 watts) allows operation of Electro-optical and other payloads.
- Transportation and operation of the entire system requires no more than 2 HMMWV. One for carrying the GCS/GDT and the other for the UAV's and their cases.
- External/internal pilot control (with gyro-stabilization).
- Knobs control (speed, altitude and heading).
- Flight to coordinate.
- Flight program.
- Flight slaved to camera.
- Automatic holding pattern (figure 8) with selectable orientation and dimensions.
- Emergency mode (in case of prolonged uplink loss).



ELECTRO OPTICAL DAY/NIGHT PAYLOAD

IB1302

High performance, Electro optical, day/night payload, which its extreme light weight enables to reduce the UAV's size substantially. Specially designed for air vehicles in which space and weight are critical issues. It operates during both daytime and nighttime conditions and provides real time video pictures of the target while remotely controlled from the ground control station, via the communication link. It also provides reports regarding its orientation in space in relation to the UAV axis. Designed to be installed at the aircraft nose however belly mounting is also possible.



TRACKING & TRANSMITTERS

PERSONAL TRACKER

IB1401

Specifications:

Weight with Batteries: 13.5 oz

Dimensions (antenna folded):
8 1/4" X 2" X 11/2"

Dimensions (antenna unfolded):
8 1/4" X 16" X 11/2"

Spurious emission: <2 pW

Intercept point: -20 dBm > 2 dB

Operating voltage: 7 - 10 V DC

Battery types:

9V Alkaline / 6LR61 - 6AM6EU

Sensitivity (IEEE Std. Test): -136 dB

Modulation: A1

DAAA: >130 dB

Audio frequency power: Max. 70 mW

Operating temperature: 14 - 122° F

Storage temperature: 14 - 131° F

Frequencies available:

433.000 to 434.999 MHz

Accessories:

(1) Antenna

A folding antenna connects to the SMA connector on the receiver.

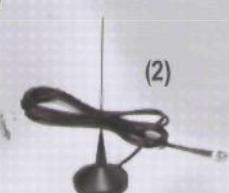
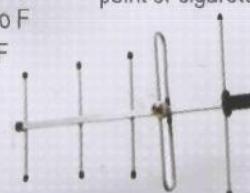
(2) Rooftop Omni Antenna

This antenna has a magnetic base that attaches to the roof of a vehicle and picks up signals coming from all directions.

(3) Headphones

Suitable for use in a vehicle or aircraft.(4) AC Adapter

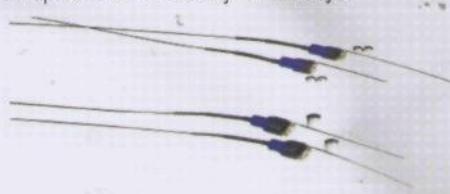
Use this adapter to power the system from a vehicle power point or cigarette lighter.



TRANSMITTER

IB1402

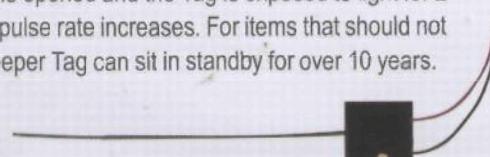
The 0.175 ounce 1.1 emits a powerful signal for up to 20 miles provided line of sight. The batteries can operate continuously for 12-14 days. The 1.2 can be detected from up to 30 miles away and can operate continuously for 35 days.



TRANSMITTER

IB1404

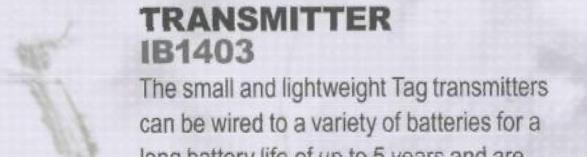
The tags are small, lightweight and easy to hide and come with a variety of sensors. Can be hidden. It sends a steady transmission which allows tracking its whereabouts. When the container is opened and the Tag is exposed to light for 2 seconds, the pulse rate increases. For items that should not move, the Sleeper Tag can sit in standby for over 10 years.



TRANSMITTER

IB1403

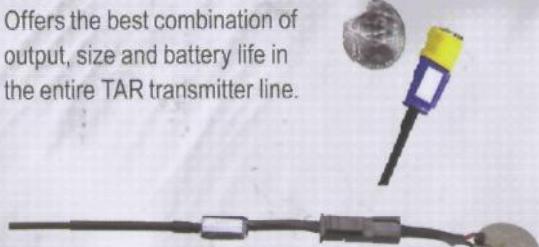
The small and lightweight Tag transmitters can be wired to a variety of batteries for a long battery life of up to 5 years and are sealed in epoxy to improve durability



TRANSMITTER

IB1405

Offers the best combination of output, size and battery life in the entire TAR transmitter line.



PORTABLE RF DIRECTION FINDING SYSTEM IB1501

Provides a high performance RF Direction Finding System that can be easily transported to any destination and deployed in most hard roofed vehicles in less than 30 minutes.

Supplied with:

- Magnetic mount, external discrete receive antenna
- Magnetic mount transmit antenna
- Separate GPS antenna
- Small, lightweight PC with 8" touch screen
- Wheeled Pelican Case

When deployed the main modules can be concealed within the passenger or luggage compartment of the vehicle. The power supply is obtained from the vehicle's 12v cigarette lighter port and an optional battery back-up can be fitted. The GPS antenna is normally deployed on the rear parcel shelf, minimizing the number of external antenna.



ADVANCED LOCATING SYSTEM IB1502

Comprises of: M9100 Receiver Base Unit, M9113-01 ARGOS compatible Plug In Module (PIM), M9402B Antenna Array, M9204 PC and M9203 Display Unit. Designed for installation in demanding mobile and airborne environments and engineered to produce very low levels of electro-magnetic noise to prevent self-quenching. Has a dedicated Demodulator to recover ARGOS Beacon ID, GPS and payload data transmitted by LDA2-type beacons. An advanced GUI allows the operator to discriminate between the target beacon, other beacons and interferers using a variety of user-defined filters. As well as indicating the targets direction, the GUI can also display the targets GPS position.



LOCATING TAG IB1503

For use with the Advanced Locating Systems.

An external device can be connected to the trigger input to activate an alarm signal within the system. The unit is supplied with or without a flat lithium cell, but can be connected to any suitable external power source of 3V. A voltage regulator is available to enable connection to supplies from 3v to 12v. The transmitter radiates 10mW within 400 Band. Typical range to a mobile platform is of 1 to 3 km, dependant upon the environment, antenna and deployment location.

Features:

- Very small device for easy concealment.
- Unpackaged format for maximum deployment flexibility.
- Internal vibration sensor.
- Flexible antenna and power supply options.
- Unique ID.
- Low power, narrow band pulsed transmission for minimum detection risk.
- Wide frequency range so compatible with both Receivers.
- External Trigger.



OPTICS FINDER

OPTIC AND OPTOELECTRONICS SYSTEMS DETECTION DEVICE IB1601

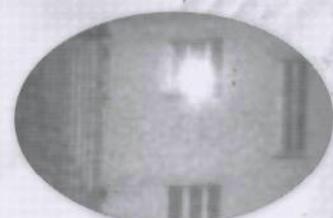
Detects all existing types of optics:
sniper sights, binoculars, night vision, lasers,
IR, photo/video and pinhole cameras.

Features:

Detection range: 1200 up to 1500m.

- Work from batteries and AC mains 24/7
- Detect sniper sights with or without mesh/honeycomb filters (Not Possible with Conventional Optics - NPWCO)
- Detect optics used behind nylon curtains/veils, through multiple double glazed and/or tinted windscreens and windows.
- Work uninterrupted against bright light/flashes (NPWCO)
- Detect IR cameras hidden behind IR filter (NPWCO)
- Detect laser audio-monitoring equipment (NPWCO)
- Does not detect pinholes. It detects optics:
- From a building into a car and vice versa
- From a building into another building
- From outside into a building and a car and vice versa (NPWCO)
- Has a video output which enables:
- Use of a monitor
- Video information recording (NPWCO)
- Shows distance to the target etc.

Lightweight and portable, they are used for Heads of States/VIP protection, anti-terrorist operations, counter-surveillance/espionage, protection of sensitive areas, buildings, petroleum/chemical facilities, nuclear power plants, airfields, border patrol.
Ideal for covert operations and anti-paparazzi use.



OBSERVATION SYSTEM

VEHICLE MOUNTED OBSERVATION SYSTEM IB1701

Integrating an uncooled thermal imager for night observation in complete darkness, and a CCD camera for day observation. Both sensors are mounted on a robust and highly precise pan and tilt unit, enabling the user to control the system from inside the vehicle. The system incorporates a unique control and display unit (CDU) installed inside of the vehicle, allowing the operator to control all system sensors and pan-tilt functions.



DAY / NIGHT OBSERVATION SYSTEM IB1702

The uniqueness of the system is in its versatility and ability to combine different electro-optical sensors and devices within a single observation system.

Features:

- Border control and perimeter security
- Visual intelligence gathering – suitable for short to long range surveillance
- Variety of operational applications: tripod, tower and reconnaissance vehicle
- Friendly user interface
- Modular and versatile system
- Remote Control via wireless, cable, fiber optic communication
- Integrates with: Radar, Intrusion detection fence, VMD.



CCTV

VEHICLE DVR SYSTEM

IB1801

The Vehicle DVR system is high performance, industrial strength digital video recorder and transmission system available in a range of models optimized for all types of commercial & industrial environments live video to PDAs, Cell Phones, PCs, live video streaming over cellular networks, over WiFi networks, over LANs/WANs

Features:

- High quality video transmission requiring low bandwidth
- Live video monitoring any time, anywhere over TCP/IP cellular and WiFi networks
- Integration of input sensors and output activation sensors
- Event detection via Video Motion Detection (VMD), input sensor or internal video-lost sensor
- Event notifications via e-mail, SMS or pop-up alarm
- Remote Pan-Tilt-Zoom (PTZ) control, even from PDAs and mobile phones
- Full integration of audio and video
- Minimal disk usage for recorded video
- Downloading of video for storage on remote PCs



HEADSET SURVEILLANCE SYSTEM

IB1802

Features:

- Super Color High Resolution Camera
- Patented Headset
- Instant Color Playback Screen (DVR)
- 720 x 576 Resolution
- 100GB Suspended Hard Drive
- Instant Playback
- 4" Screen size
- Stores up to 400 hours of MPEG-4 Digital Video
- Full Digital Audio Recording
- 12 – 15 hour battery (will cover an 8 hour 'shift')



VIDEO/AUDIO TRANSMITTER & RECIEVER

IB1901

Transmitter:

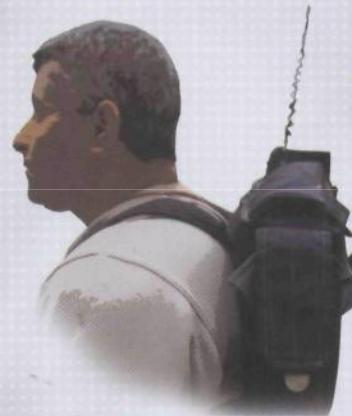
Based on the Fujitsu MPEG-2 System.

This is special developed DSP for real time video compression. Based on this has developed an encoder board for D-ATV application which incorporates the necessary peripheral components like SDRAMs, audio and video codecs as well as all required power supply demands (3,3 and 1,8V). Supports the formats SIF (352X288 Pixel), HD1 (352X576 Pixel), D1 (720X576 Pixel) at data rates from 0.5 Mbit/s to 15 Mbit/s. This data rate includes a 20-bit-stereo audio channel. The encoder firmware can individually be adjusted and is launched during system start. Data out supplies a transport-stream (SPI) according to ISO/IEC 13818 to an 8 bit TS-Interface with clock and Frame sync signal.

Reciever:

DVB-T-Modulator

This system has one transport stream input for connecting a multiplexor. To the multiplexor, again, up to four encoders can be connected. The RF-Baseband output uses a carrier frequency of 3.5-70 MHz (adjustable in 125-kHz-steps) and an amplitude of 75-90dB .The COFDM-Modulator generates all necessary Guard-Intervals, FECs and transmission modi (QPSK, 16QAM and 64QAM). Used will be the 2k mode and the 8k mode according to ETSI EN 300 744V 1.4.1. All operating voltages are generated on the board, the input voltage range is 7-24V. The power consumption is about 5W.



INTEGRATED TACTICAL SURVEILLANCE

IB1902

Features:

- Compact and Portable System
- Integrated Video Screen
- Mapping Display Screen
- Displaying a combination of up to 9 CCTV and Wireless Cameras
- Up to 64 Unattended Ground Sensors (UGS)
- Capable of integration with either a Long-range Narrowband or Through-Wall UWB Radar unit
- Includes a Panic Pager Network System for Team Alert
- Designed in a modular format to provide a reliable perimeter protection solution for field forces while still providing remote surveillance intelligence through the deployment of a wide range of encrypted communications, covert sensors and cameras units.



DETECTION SYSTEMS

COMPONENT NEARFIELD INDICATOR

IB2001

Component Nearfield indicator is used to detect places of concealed setups of different active radio transmitters. The device sends light and sound signals when it detects a radio transmitter. The device does not require preliminary adjustment of settings or response levels with respect to electromagnetic environment in the inspected premises; it reveals a low level of response to the signals of distant sources and a low false-detection probability.



PICTORIAL FIELD INDICATOR

IB2002

The pictorial field indicator is used to detect and localize radio transmitters used for eavesdropping. This includes cell phones and Bluetooth devices in the detection zone. Operation of the field indicator is based on the principle of a fast-speed sweep receiver with a wideband receive channel.

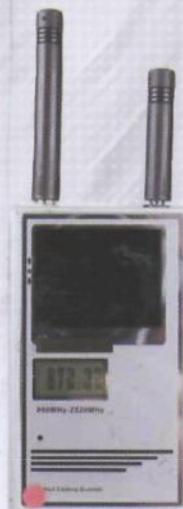
CAMERA SCANNER

IB2003

Wireless palm size camera scanner, A portable, user friendly scanner, Detects the transmissions of wireless cameras, manually or automatically.

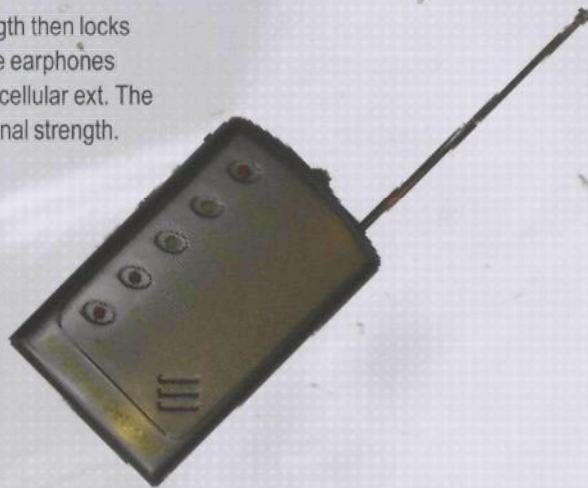
Specifications:

- Dimensions: 120X74X35mm.
- Wight: 240 gr.
- ISM band: 900-2520MHz
- Antenna: SMA
- Battery working time: 3Hrs approximately (depends on monitor working time)
- Power input: 5V DC, 650mA (Max.). Or AA Battery 1.5V DC X 4
- Video display: 2.5 Inch, color TFT monitor.
- Frequency display: LCM
- Auto scan: once - 1MHz/sec, fast-forward - 10MHz/sec.



SIGNAL DETECTOR IB2101

This handheld frequency detector gives an indication on the signal strength then locks on it automatically and plays the signal through the built in speaker or the earphones. Detects frequencies frequency 6 GHZ- 50Mhz detect all the audio video cellular ext. The device has a double indication by sound and 3 lights that indicate the signal strength.



FREQUENCY READER IB2103

Handheld professional eavesdropping transmitter detector, easy to operate with digital display detects digital transitions, on/off, analog signals on frequencies between 30 MHZ and 2.8 GHz. Specifications

Impedance: 50 Ohms

Frequency range: 30 Mhz- 2.8 Ghz

Sensitivity: less than 5 mV

Resolution: 10 KHz for digital signals or on/off keying

1 KHz for analog signals

Weight: 210 g

Size: 80(h) x 68(w) x 31(d)mm



PICTORIAL FIELD INDICATOR IB2102

The pictorial field indicator is used to detect and localize radio transmitters used for eavesdropping. This includes cell phones and Bluetooth devices in the detection zone. Operation of the field indicator is based on the principle of a fast-speed sweep receiver with a wideband receive channel.

VOICE ANALYSIS

VOICE LIE DETECTOR

IB2201

An innovative, highly advanced, sophisticated software system that is specifically designed to provide the professional user easy access to truth verification and emotion identification by using vocal parameters. The system is designed for security officials: governments and security organizations, law enforcement agencies and immigration authorities, police, military and private investigators. For these users, faster verification means more efficiency which translates into cost effectiveness of the decision making process.

The system is a combination of three different tools:

Online Mode - for quick and immediate analysis during an open-ended interview, this occurs in real time

Offline Mode - for an in-depth analysis of prerecorded material

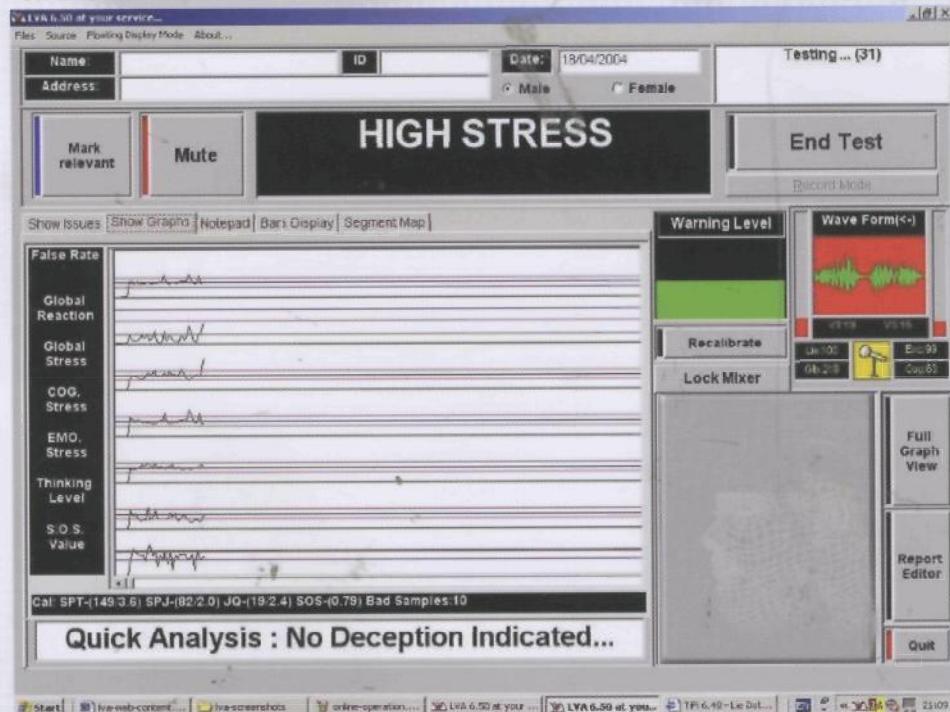
Investigation Mode - for a predefined closed-ended question analysis relating to a specific issue. It is similar to the questions used for traditional polygraph examinations and uses the same techniques, e.g., CQT, POT, etc.

The system offers a new analysis technique for all these modes of operations. The "Rich Psychological Analysis" (R.P.A) is automatically generated in all of the modes. In addition, for cases in which you require additional tools to analyze results, LVA provides two sets of graph displays for easy and convenient manual analysis. LVA was designed to be as friendly as possible while still offering maximum reliability and a familiar Windows environment.

The system uses "psychological patterns" detection as well as three different and independent equations. These equations distinguish between stress resulting from excitement and any other emotional stress. Distinctions are also made between confusion and other cognitive or global stress resulting from the circumstances surrounding the issue being discussed. It also distinguishes between "acceptable levels" of stress and between stresses emanating from attempts at deception.

The system detects levels of tension, rejection, fear, embarrassment and attempts to outsmart or answer cynically. It also measures the subject's level of thinking. LVA also measures the willingness of the subject to answer in the relatively new Stop or Say (S.O.S) parameter. Using Deception Patterns, LVA can achieve the greatest accuracy rate in detecting deceptions.

On-Line Mode



PRE-EMPLOYMENT VOICE TEST

IB2301

Available to help meet this challenge. Aptitude tests, background checks and personality profiling aid in the assessment of technical skills, prior experience, and overall credentials of a candidate. But what can employers do to reduce the threat of liability that a potential employee may pose in the future? How can you accurately identify a candidate's level of risk regarding unlawful acts such as theft, drug use, bribery, or general lack of integrity?

Introducing LVAi Automated Integrity Assessment

- Fully automated testing, assessment and reporting
- Promotes fair hiring practices by providing non-biased assessments
- Customizable test topics to meet your organization's evolving needs
- Language-independent: analyses responses spoken in any language
- Helps protect your organization from potential workforce liabilities

