elaman
GERMAN SECURITY SOLUTIONS

Product Recommendation

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TYPICAL TECHNICAL SWEEP OPERATION

SWEEP PICS

Telephone Junction Box

Passive Wall Sweep

Turnkey TSCM System

LAN Tester

Analyzing Antennas

X-Raying Wall Ceiling Cables

Visually Checking Underfloor Ducts

Cable Measurement

TSCM RECOMMENDED PRODUCT LIST — PRODUCTS

Ref.	Qty	Model	Description
1	1	7501	NLJD Non Linear Junction Detector with 3rd Harmonic
2	1	7502	TSCM Search Tool Kit
3	1	7503	Cable Checker - Detects Hidden Cables
4	1	7504	Portable X-Ray for Checking for Bugs.
5	1	7505	Thermal - Wall Scanner
6	1	7506	Locator - Locates & Detects Transmitters
7	1	7507-01	Optical System to Detect Cameras, Lens (Room Version)
8	1	7507-02	Optical System to Detect Cameras, Lens (Long Range Version)
9	1	7508	Advanced Scan Detector to 26.5 GHz - Dual Antenna
10	1	7509	TDR Multi Channel Cable Detection System
11	1	7510	Digital Advanced Hand Held Oscilloscope
12	1	7511	Detection Receiver for Quick Sweep
13	1	7512	Cable Network Testing System
14	1	7513	Wall Depth Measurement System
15	1	7514	Video Fiber Optical Search System
16	1	7515	Marking Kit-Covert Stickers Illuminator
17	1	7516	Optical Search System Mirror-Light
18	1	7517-01	Video and Audio RF Detection System
19	1	7517-02	Advanced Video & Audio RF detection System
20	1	7518	Audio Test and Trace System
21	1	3521	High power GSM Jamming System
22	1	3522	Room Jammer
23	1	3525	Computer Screening Jammer Defender
24	1	3526	Anti-Laser-Microphone Noise Jammer
25	1	3527	Advanced Counter Surveillance Jammer
26	1	3528	GSM Cell Phone Automatic or Manual Jammer
27	1	7519	FHS Portable Spectrum Analyzer
28	1	7521	EB200-High Speed Frequency Scanner 3 GHz with DF
29	1	7522	Digital Scout Frequency Detector
30	1	7523	Cable Tracing System
31	1	7524	ISDN Test Equipment
32	1	7525	X-ray for Screening VIP Presents
33	1	7527	Encryption Product - GSM Encryption Phones
34	1	1013	Night Vision Viewer
35	1	2001	Lock Picking for Entry into Closed Areas

RECOMMENDED PRODUCT DESCRIPTION — SWEEP LIST

Special Sweep List
Government Approved

For In-country Sweep Teams including Portable Cases and Vehicles
This equipment is installed in portable casing, which can easily be moved from place to place.

1.1.	**Model 7501 4th Generation NLJD Electronic Circuitry Detector (PASSIVE)** This system analyzes from a distance of 10 to 30 cm the electronics part which can be found in hidden areas. For passive use. Can find microphones, video cameras and other objects hidden in walls.	
1.2.	**Model 7502 Search Tools and Test Equipment (SEARCH)** Specially selected range of tools used to search rooms for bugs. Opens all types of electrical equipment-a/c-false ceilings etc.	
1.3.	**Model 7503 Cable Checker – Detects Hidden Cables (CABLES)** For quick and effective check of cables i.e. telephone-mains this unit will give search results from RF through to voltage-line gain etc.	
1.4.	**Model 7504 Portable X-Ray System Software Viewing System (OPTICAL SEARCH)** This unit can see though objects to check on electronic circuitry/tape recorders/transmitters and microphones/cameras hidden in secret areas. It is also used to compare electrical devices for any changes on the PCB boards. This mobile x-ray generator comes with a pc and a camera to detect any bugs hidden in gifts presented to VIPs.	
1.5.	**Model 7505 Optical Wall Scanning System NATO approved (SEARCH)** This optical thermal system scans the walls-furniture etc to detect the heat differences of bugs or monitoring devices to the ambient surrounding. The special software also shows bugs-video cameras hidden in items i.e. ashtrays-fire detectors etc. The Scanning System can also detect remote control transmitters.	
1.6.	**Model 7506 Locator – Locates & Detects Transmitters (RF LOCATION)** This portable handheld unit is used to pinpoint the exact location of a detected transmitter. Can locate both analog and digital transmitters.	

RECOMMENDED PRODUCT DESCRIPTION | SWEEP LIST

1.7. Model 7507-01 Video Camera and Lens Detector

(OPTICAL SEARCH)

This handheld system will detect cameras/lenses covertly installed in rooms and conference places. (Room version)

1.8. Model 7507-02 Video Camera and Lens detector

(OPTICAL SEARCH)

This handheld system will detect cameras/lenses covertly installed in rooms and conference places. (Long range version)

1.9. Model 7508 Building Sweep System with Dual Antenna/Software

(ACTIVE RF)

This specialist software, the most sophisticated sweep system to 26 GHz, is used to compare internal and external frequencies. The software type is g412. This specialized software will give exact and quick results and can be used to detect any bug in the entire building.

1.10. Model 7509 Multi Channel Wired Analyzer (CABLES)

This system is a cable-checking system, which has multi-channel capacity to show the actual range of the microphone on the cable up to 10km. The reflector technology enables any unauthorized equipment installed on cables or telephone lines to be displayed and detected.

1.11. Model 7510 Digital Advanced Handheld Oscilloscope (CABLES)

The digital oscilloscope is useful for measuring all the basic measurements in electronic equipment and for establishing modifications that could have been caused by manipulation or integration of surveillance equipment.

1.12. Model 7511 Detection Receiver (RF ACTIVE/IR)

This portable unit performs a wide variation of RF scans-mains-telephone cable checks and IR laser detection. This unit is used as a quick check TSCM when conditions do not allow for an in-depth sweep to be carried out; used in conjunction with a Non Linear Junction Detector.

1.13. Model 7512 Cable Network Testing System (CABLES)

The cable Network Testing System will discover any unauthorized personnel interfacing with the network and compare technical data with previous test results; can also be remotely activated.

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1.14. Model 7513 Through the wall Display System   (SEARCH)

This unit measures the depth of a wall and shows objects such as microphone cable-transmitters or cameras on the inbuilt display. This can be used in conjunction with a Non Linear Junction Detector.

1.15. Model 7514 Digital Video Fiber Optic System   (SEARCH)

This fiber optic system has a built in video camera with the lens remotely moving to 360 degrees. This 2 m fiber optic can pass through very restricted areas i.e. ac ducts,-false ceilings with all the images shown on a monitor and recorded on an inbuilt digital recorder.

1.16. Model 7515 Secret Marking kit Seals and Light Source   (SEARCH)

After making a room search special equipment is used to mark the searched area. This will be checked at a later period to see if it has been tampered with. For example, after a sweep electrical sockets are secretly marked so if an intruders tries to connect a bug it can be detected.

1.17. Model 7516 Optical Search Systems Sets   (SEARCH)

Specially selected range of mirrors and optical equipment to search difficult areas such as a/c-cabling ducts etc. to find hidden microphones-cameras etc.

1.18. Model 7517-01 Audio-Video Transmission Decoder Detector Analyzer   (ACTIVE RF)

The unit analyzes,-detects and decodes audio/video RF transmission and displays it on an inbuilt monitor. It also scans telephone and mains cables. This unit can detect infrared. The frequency coverage is to 3000 MHz. A NATO approved antenna system enables covert scanning to take place.

1.19. Model 7517-02 Advance A/V Transmission Decoder Detector Analyzer   (ACTIVE RF)

This unit sweeps an entire building from one location. This model is the next-level model 7517-02 with a frequency range of 10 KHz-6 GHz.

1.20. Model 7518 Audio Test and Trace Unit   (CABLES)

This unit traces audio signals and distances on the cable. This is a quick check to determine if cables have audio. i.e. amplification of audio/noise.

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1.21. Model 3521 GSM Hi Power Jamming System   (JAMMING)

This portable GSM jamming system can jam and protect meetings and conferences with its 25 watt output. The system is also available in CDMA frequencies on request. Other optional extras include output power up to 120 watt to protect complete areas.

1.22. Model 3522 Handheld Room Jammer   (JAMMING)

Mainly used for conference rooms, but can also be used in cars etc. The use of modified GSM surveillance phones has increased considerably.

The GSM dual band Jammer operates up to 100sqm conference rooms.

1.23. Model 3525 Computer Screening Jammer - Defender (JAMMING)

The defender will jam the frequencies emitted from a monitor/computer/keyboard that can be monitored by hi-tech interception equipment, without interfering with the operation of your computer.

1.24. Model 3526 Laser Jamming System   (JAMMING)

This unit jams laser and audio signals in a room. Sensors are attached to windows and can stop any laser system from working.

1.25. Model 3527 Jamming System 20-2400 MHz   (JAMMING)

This Jammer will protect you against wireless RF video and audio bugs. It is portable and easy to use and covers a wide band. It has a white noise tone generator adding extra security.

1.26. Model 3528 GSM Dual Band Cell Phone Jammer   (JAMMING)

This Jammer allows GSM signals to be detected and then manually or automatically jammed. The Dual Band Jammer will also indicate the distance

1.27. Model 7519 FHS Spectrum Analyzer   (RF ACTIVE)

This Handheld Spectrum Analyzer enables quick and effective RF measurement of rooms and signal analysis. It displays all analog and digital signals. The FHS is available in 2 models 100 - 3GHZ or 100 - 6 GHz. The 6GHz is particularly interesting for detector 5.8GHz video signals

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1.28. EB200 – High Speed Frequency Scanner with DF (RF ACTIVE)

The EB200 with its digital scan mode enables band frequencies. up to 3 GHz. to be scanned in milliseconds enabling short burst transmitters-remote control transmissions etc to be immediately detected and located.

1.29. Model 7522 Digital Scout Frequency Detector (RF ACTIVE)

This handheld unit provides an immediate frequency fix of possible transmissions in a closed area. With an add-on receiver the audio of that captured signal can be heard.

1.30. Model 7523 Cable Tracking system (CABLES)

This product enables you to track the direction of the cables in rooms and conferences. It can track the exact direction of the cables within rooms.

1.31. Model 7524 ISDN Test Equipment (CABLES)

This handheld unit will provide the user with quick and accurate information relating to Telephone-IP Internal Networks and to detect -monitor the ISDN connection. This is especially important for detection of PABX manipulation.

1.32. Model 7525 X-ray System for VIP Gifts, Presents, etc (SEARCH)

As a security precaution all gifts. received should be x-rayed for any possible surveillance equipment - remember the gift the Russians gave to the Americans?

1.33. ROHDE&SCHWARZ GSM Encryption (VOICE PROTECTION)

GSM Encryption is used to secure the communication of the VIP/Sweep Team members. The system is compatible with desktop telephones. This secures what is sent over the network. This is also available for e-mail and for e-mail security.

1.34. Model 1013 Night Vision Viewer (IR & FIBRE OPTIC SEARCH)

Usually used in surveillance operations. Night vision has a dual role in a TSCM team in the search for fiber optic microphones-laser and IR rays that are almost impossible to detect with standard sweep equipment.

1.35. Model 2001 Lock Picking for Entry into Closed Areas (SEARCH)

When carrying out a sweep there may be occasions when it is impossible to gain access because the door is locked or the telephone is closed in a box. Therefore every sweep kit should include a lock picking set.

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