ST-031M "PIRAHNA-2"
Selective detector

Multifunctional searching device ST-031M is designed for the detection and localization of technical surveillance measures and to identify the natural channels of information leakage, as well as for quality control of data protection.

ST 031M "PIRANHA" consists of three detection channels, each of which is designed to search for signals in a particular frequency range. Set of antennas, sensors and adapters allows to adapt the device to process search for a variety of eavesdropping devices and information leakage of natural origin.

ST-031M can detect and localize the following Special Technical Means of Obtaining Secret Information (STMOSI):

· Radio microphones;

· Telephone transmitters;

· Radio-stethoscopes;

· Concealed video cameras equipped with a radio channel for transmission of information;

· Technical means or systems for spatial radio frequency radiation;

· Beacons of the systems used for moving objects monitoring (e.g. people, transportation means, goods etc.);

· Unauthorized radio stations, radio handsets, and also telephones with radio extension;
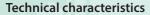
· Radio modems and digital wireless access systems.

Technical characteristics

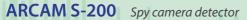| Power supply	
Lithium-polymer battery with a voltage, V	3.7
Power consumption, W	1,2...2,5
Continuous operating time at max. power consumption, hours	>7
Time to charge a fully discharged battery, hours	7
Weight, dimensions	
Dimensions of the main unit (length, width, height), mm	175x83x36
Weight of the main unit, kg	0,430
Dimensions of the case (length, width, height), mm	390x310x170
Full weight of the set in case, kg	3,8

ST 300 SPIDER   *Selective Detector*

Wired communications analyzer ST 300 SPIDER is designed to detect and locate eavesdropping devices, galvanically connected to power and low-current wire lines in the inspected object. The analyzer uses both passive and active modes of operations. This allows detecting eavesdropping devices which are in active or in stand-by mode at the time of a sweep operation.

Technical characteristics

Height	175 mm
Width	83 mm
Thickness	36 mm
Weight	375 g
Power supply	rechargeable battery
Indication of operation	light, sound
Battery life	at least 7 hours
Battery charging time	7 hours

Modes of operation:

- Electronic switch;
- Low frequency amplifier;
- Wireline receiver;
- Nonlinear junction detector for wire lines;
- Reflectometer;
- Trace locator.

ARCAM S-200   *Spy camera detector*

ARCAM S-200 is designed for remote detection and localization of powered hidden video cameras that are installed outside, indoors, concealed as objects or body-worn. ARCAM S-200 is able to detect both analogue and digital cameras regardless of concealment and video transmission methods. ARCAM S-200 detects both common wired and wireless cameras, as well as cameras that are storing data on an internal memory bank, which gives ARCAM S-200 an obvious advantage over other instruments for camera detection, such as Optical Detectors or NLJDs. ARCAM S-200 does not require the operator to thoroughly and slowly search the entire premises or a person, it takes seconds for ARCAM S-200 to tell if there are any cameras which could then be easily localized.

Technical characteristics

Receiver sensitivity	-148 dBm
Dynamic range	80 dB
Detection time (average)	3 s
Analysis time (average)	10 s
Continuous operating time	not less than 4 hrs
Battery full recharge time	not more than 3,5 hrs
Antenna type	whip, broadband
Battery	Li-Pol, 4100 mAh
Physical dimensions	85 x 140 x 30 mm
Weight (with antenna)	not more than 300 g
Operating temperatures	from - 10°C to + 40 °C

Delivery set

1. ARCAM S-200 detector (SEL 102)
2. Antenna (A)
3. Power supply (PS)
4. USB – mini USB cable
5. Stylus (for touch screen calibration)
6. User's Manual (UM)
7. Hard case