

CATALOGUE 2025



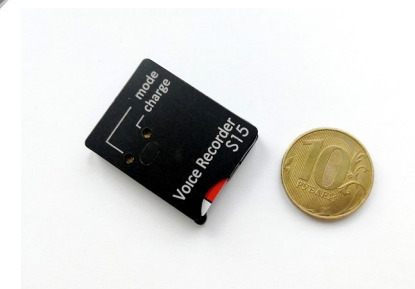
DETECTORS



TSCM



RECORDERS



Non-linear Junction Detector Lornet-24

Purpose and Advantages

- Locating of miniature electronics such as SIM cards, RFID tags, and GPS trackers, as well as electronic bugs in buildings and vehicles, such as wireless microphones, digital audio recorders, mobile phones.
- The compact and very light detector with thin antenna module make it possible to carry out bug sweeping service in a limited space and hard-to-reach places.
- Inspection of physical objects and natural persons for prohibited electronic devices on the entrance into a guarded area.
- Lornet detector successfully detects any electronic devices, powered or switched off.

Technical specifications

Size (LxWxT)..... 39 x 10 x 7 cm

Weight..... 700 g

Frequency band..... 2400MHz

Operation time..... over 3h (at pulse mode)

1,5h (at continuous mode)

Delivery set

- R-T unit with a control knob
- 2 removable (LI-ION) rechargeable batteries (3.6V)
- Battery charging container
- Battery charging adaptor (220V)
- Wireless headset and receiver
- AC adapter for the receiving device (220V)
- Soft storage bag with lodgement
- User manual



Non-linear Junction Detector Lornet-36

Purpose and Advantages

- Distant locating of electronic devices and metal striking elements in rooms and open spaces with accurate locating of suspicious objects.
- Locating of miniature electronics such as SIM cards, RFID tags, and GPS trackers.
- Locating of electronic components and metal striking elements in the 16 degree sector.
- Detection distance of metal striking elements is up to 10 meters.
- Indication of the target location using a built-in laser pointer.
- Automatic fine tuning of operation frequencies with the lowest interference level for operation in a complex electromagnetic environment.
- Lornet detector successfully detects any electronic devices, powered or switched off.

Technical specifications

Size (LxWxT)..... 47 x 32 x 19 cm
Weight..... 1,5 kg
Frequency band..... 3600MHz
Operation time..... up to 3h in pulse mode
1,5h in continuous mode

Delivery set

- R-T unit with a control knob
- 2 removable (LI-ION) rechargeable batteries (3.6V)
- Battery charging container
- Battery charging adaptor (220V)
- Wireless headset and receiver
- AC adapter for the receiving device (220V)
- Soft storage bag
- Use manual



Non-linear Junction Detector Lornet-0836

Purpose and Advantages

- The detector combines the advantages of NLJDs operating at both 800 MHz and 3600 MHz when searching for electronic devices and metal striking elements.
- Detection (in the 800 MHz range) of electronic devices in rooms with concrete walls, in open spaces, in soil and vegetation, including high moisture conditions.
- Detection (in the range of 3600 MHz) of metal striking elements (up to 10 meters) in suspicious objects, bags, things with accurate locating of the search object.
- A dual-band nonlinear locator in open space detects a target semiconductor in a wide sector of 110 degrees, with the following determination of the target location in the 16 degree sector.
- Lornet detector successfully detects any electronic devices, powered or switched off.

Technical specifications

Size (LxWxT)..... 31 x 31 x 28 cm
Weight..... 1,4 kg
Frequency band..... 800MHz +/- 3600MHz +/-
Operation time..... 2,5h in pulse mode
1,5h in continuous mode

Delivery set

- R-T unit with a control knob
- 2 removable (LI-ION) rechargeable batteries (3.6V)
- Battery charging container
- Battery charging adaptor (220V)
- Wireless headset and receiver
- AC adapter for the receiving device (220V)
- Soft storage bag
- User manual



Non-linear Junction Detector

Lornet Star 08 / Lornet Star 08c

Purpose and Advantages

- Reliable and easy-to-operate non-linear junction detector for locating medium-sized electronics components (radio microphones, audio recorders, etc.).
- Detection of electronic devices in damp rooms, inside wet soil and vegetation, inside concrete surfaces.
- Compatible with 2400 and 3600 MHz antenna modules of the Lornet-Star set.
- An additional battery with charging time significantly shorter than the discharge time allows, if necessary, round-the-clock operation of the device.
- Lornet detector successfully detects any electronic devices, powered or switched off.
- The Lornet Star 08c model features a screen with a built-in spectrum analyzer of the 2nd and 3rd harmonics.

Technical specifications

Size (LxWxT)..... 50 /149 (w/extension rod) x 18 x 6 cm
Weight..... 1000 g (without rod)
Frequency band..... 800
Operation time..... Li-Ion battery at max. output power
(pulse/continuous) up to 3,0/1,5 h

Delivery set

- Replaceable antenna module "Lornet Star 08" or "Lornet Star 08c"
- A remote control knob with a built-in battery container
- A removable telescopic rod Lornet Star
- Removable (Li-Ion) rechargeable batteries 12V (2pcs.)
- Batteries charging container
- Batteries charging adapter (220V)
- Headsets
- Soft storage bag
- User manual



Non-linear Junction Detector Lornet Star 24

Purpose and Advantages

- The lightest professional non-linear junction detector, that perfectly fits for electronics locating and personal inspection.
- Locating of miniature electronics such as SIM cards, RFID tags, and GPS trackers, as well as electronic bugs in buildings and vehicles, such as wireless microphones, digital audio recorders, mobile phones.
- In the inspection configuration, the detector design resembles a metal detector and is convenient for inspection of natural persons.
- Compatible with the non-linear detectors of the Lornet Star set.
- An additional battery, which has charging time significantly shorter than the discharge time, allows, if necessary, round-the-clock operation of the device.
- Lornet detector successfully detects any electronic devices, powered or switched off.

Technical specifications

Size (LxWxT)..... 47/146 (w/extension rod) x 10 x 5,5 cm
Weight..... 700 g (without rod)
Frequency band..... 2400 +/- MHz
Operation time..... Li-ion battery at max. output power
(pulse/continuous) up to 3,0/1,5 h

Delivery set

- Replaceable antenna module "Lornet Star 24"
- A remote control knob with a built-in battery container
- A removable telescopic rod Lornet Star
- Removable (Li-Ion) rechargeable batteries 12V (2pcs.)
- Batteries charging container
- Batteries charging adapter (220V)
- Headsets
- Soft storage bag
- User manual



Non-linear Junction Detector Lornet Star 24c

Purpose and Advantages

- Locating of miniature electronics such as SIM cards, RFID tags, and GPS trackers, as well as electronic bugs in buildings and vehicles, such as wireless microphones, digital audio recorders, mobile phones.
- The Lornet Star 24c model features a built-in spectrum analyzer of the 2nd and 3rd harmonics for visual recognition of electronic components from false semiconductors.
- An additional battery, which has charging time significantly shorter than the discharge time allows, if necessary, round-the-clock operation of the device.
- The CW mode can be used to identify transmitting analog radio microphones.
- Compatible with the nonlinear detectors of the Lornet Star set.
- Lornet detector successfully detects any electronic devices, powered or switched off.

Technical specifications

Size (LxWxT).....50/149 (w/extension rod) x 17 x 5,5 cm

Weight..... 800 g (without rod)

Frequency band..... 2400 +/- MHz

Operation time.....Li-ion battery at max. output power
(pulse/continuous) up to 3,0/1,5 h

Delivery set

- Replaceable antenna module "Lornet Star 24c"
- A remote control handle with a built-in battery container
- A removable telescopic rod Lornet Star
- Removable (Li-Ion) rechargeable batteries 12V (2pcs.)
- Batteries charging container
- Batteries charging adapter (220V)
- Headsets
- Soft storage bag
- User manual



Non-linear Junction Detector Lornet Star 36m

Purpose and Advantages

- Locating of electronic components and metal striking elements in the 16 degree sector and at a distance of up to 6 meters.
- Indication of the target location using a built-in laser pointer.
- Detection of small electronic components such as SIM cards and electronic components in shielded enclosures.
- An additional battery, which has charging time significantly shorter than the discharge time allows, if necessary, round-the-clock operation of the device.
- Maximum efficiency of locating for any electronic devices in the most difficult conditions when used with other interchangeable Lornet Star antenna modules.
- Lornet detector successfully detects any electronic devices, powered or switched off.

Technical specifications

Size (LxWxT).....47/137 (w/ extension rod) x 20 x 14 cm

Weight..... 1000 g (without rod)

Frequency band..... 3600 MHz

Operation time.....Li-ion battery at max. output power
(pulse/continuous) up to 2,5/1,5 h

Delivery set

- Replaceable antenna module "Lornet Star 36m"
- A remote control handle with a built-in battery container
- A removable telescopic rod Lornet Star
- Removable (Li-Ion) rechargeable batteries 12V (2pcs.)
- Batteries charging container
- Batteries charging adapter (220V)
- Headsets
- Soft storage bag
- User manual



Popular LORNET STAR sets

LORNET STAR 24c / 36m



LORNET STAR 08 / 24c



LORNET STAR 08 / 24c / 36m

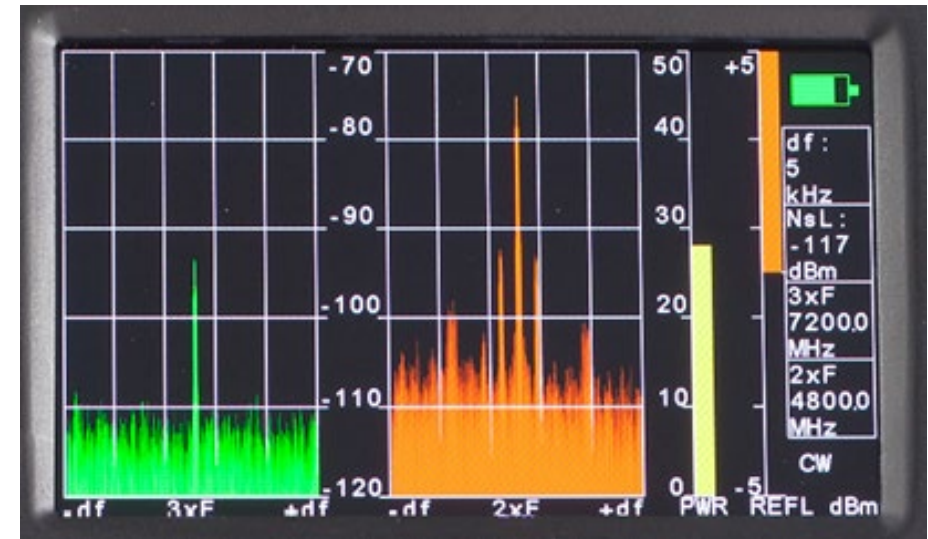


All LORNET STAR non-linear junction detectors have a universal control knob. The presence of a removable telescopic rod allows the operator to easily turn the device from inspection to detection mode and back. Depending on the operation conditions, the antenna module simply changes, which allows you to find the most effective solution for locating semiconductors in various application conditions.

Graphical LED pannel

Spectrum of re-emitted signal
of 2nd harmonic

Level of probing signal re-emitted
by the object in dBm



Spectrum of re-emitted signal
of 3rd harmonic

Level of probing signal
power in dBm

The “Lornet Star” set can include up to three interchangeable antenna modules operating in different frequency ranges. This approach allows you to realize the advantages of each of the frequency ranges used

Lornet Star //08 - with antenna module for 800 MHz (all-weather and relatively low attenuation of signals in dense medium (brick, concrete, etc.))

Lornet Star //08c - with antenna module for 800 MHz with spectrum analyzer

Lornet Star //24 - with antenna module for 2400 MHz (opportunity to detect SIM cards and small (about 1 cm²) semiconductor devices)

Lornet Star //24c - with antenna module for 2400 MHz with spectrum analyzer

Lornet Star //36m - with antenna module for 3600 MHz (provides spatial selection, which facilitates sweeping operations in premises containing legal electronic devices)

Antenna module	08	08c	24	24c	36m
Frequency of probing signal in the range	800 MHz	800 MHz	2400 MHz	2400 MHz	3600 MHz
The maximum power of the probing signal (max. // average):					
Pulse mode	10W//230mW	10W//230mW	10W//230mW	10W//230mW	18W//112mW
Continuous mode	300mW	300mW	300mW	300mW	-
Pulse mode with low off-duty factor (CW)	-	-	-	-	6W//375mW
Receiver sensitivity	-110dBm(-140dBmW)				
Probing signal power adjustment range	20dBm				
Receiving path dynamic range	24dBm				
Battery life at maximum power in a pulse (continuous) mode	3,0h (1,5h)	2,5h (1,5h)	3,0h (1,5h)	2,5h (1,5h)	2,5h (1,5h)
Module dimensions	40x20x7cm	40x20x7sm	40x20x7cm	40x20x7cm	40x20x20cm
Telescopic rod sizes	54x4x4 (86x4x4) cm				

	LORNET STAR 24c/36m	LORNET STAR 08/24c	LORNET STAR 08/24c/36m
Detection in humid environment	★★	★★★★	★★★★
Detection in an open space	★★★★	★★★	★★★★
Detection of small-sized electronics	★★★★★	★★★★★	★★★★★
Indoor detection	★★★★★	★★★★★	★★★★★



Non-linear junction detector Cayman-400

Purpose and advantages

- ST-400 CAYMAN is designed for detection and locating of hidden electronic bugs, mobile phones, SIM-cards and other electronic devices.
- Cayman 400 allows detecting and precise localizing both operating devices and powered off.
- Using this non-linear junction detector, an operator is able to distinguish natural semiconductor from the artificial one (metal, corrosion, metal-oxide-metal structure)
- The main distinguishing feature of the CAYMAN detector is the use of a multi-frequency emission mode, which allows you to get a number of advantages.
- Increased probability of detecting electronic devices behind partially shielded surfaces (for example, a "chain link" grid)
- The ability to identify detected objects in audio mode

Technical specifications

Size (LxWxT).....1500 x 25 x 13 cm (telescopic arm
and elbow rest pulled out completely)
Weight..... 1.75 kg (with battery)
Frequency band..... 2-3 GHz
Operation time..... up to 3 hours

Delivery set

- ST 400 CAYMAN non-linear junction detector
- Rechargeable battery of type 18650 - 4 pcs
- Power supply charger
- Charging unit
- Headphones
- Semiconductor simulator (red marking)
- Metal-oxide-metal structure simulator (blue marking)
- User manual
- Transportation shockproof package



Non-linear junction detector Cayman-401

Purpose and advantages

- Non-linear junction detector Cayman ST-401 is a compact modification of base model ST-400
- The key difference is the lack of telescopic rod. This model is especially helpful when working in confined space, checking small cargo and mail, as well as inspection of people
- Using this non-linear junction detector operator is able to distinguish natural semiconductor from the artificial one (metal, corrosion, metal-oxide-metal structure)
- Updated model has beneficial differences: modernized antenna, which increase detector selectivity; reduced weight and overall dimensions of the device; simplified system of control and indication; use of common power supply batteries; more ergonomic design

Technical specifications

Size (LxWxT)..... 22 x 13 x 9,5 cm
Weight..... 0,85 kg (with battery)
Frequency band..... 2-3 GHz
Operation time..... 2-3 hours
Battery charging time..... up to 3 hours
Case..... plastic

Delivery set

- ST 401 CAYMAN non-linear junction detector
- Rechargeable battery 3,7V of type 18650, 4 ps
- Power supply charger
- Charging unit
- Headphones
- Semiconductor simulator (red marking)
- Metal-oxide-metal structure simulator (blue marking)
- User manual
- Transportation shockproof package



Zaslon-M Explosive Detector

Purpose and advantages

- ZASLON-M mobile explosive detector is intended for real-time detection of explosives, both indoors and outdoors, as well as trace amounts of nitro-containing explosives on hands, documents and other objects that were in contact with explosives provided temperature ranges are carefully maintained
- The device also ensures measurement quality in the presence of foreign substances in the air
- ZASLON-M detects such substances as ammonium nitrate, dinitrotoluene, trinitrotoluene, trinitro-resorcinol (picric acid), dinitronaphthalene, dimetyldinitrobutane, ethylene-glycoldinitrate, nitroglycerin, tetranitropentaerythrite, pentaerythritetranitrate, hexogen, octogen, benzofuroxan, tri-peroxide acetone, hexamethylenetriperoxidediamine, industrial explosives based on hexogen, industrial explosives based on octogen, simteks, octol, ammonite, ammonal, nitropowder, etc.
- Application area:
 - monitoring of explosives vapor content in the air of enterprise workspace;
 - border and customs check points;
 - defence facilities;
 - security of mass events;
 - transport security;
 - use by law enforcement bodies;
 - prevention of terrorist attacks with explosives use

Technical specifications

- Dimensions 41 x 19,2 x 14 cm
Weight with batteries 2 kg
Explosive vapours measurement limit at least TNT 10^{-11} g/cm³
Distance from the object up to 250 mm
Power supply:
 - from AC adapter with a frequency of 50/60 Hz, 100 - 240 V
 - from a battery with an output voltage of at least 12 VContinuous operation time at least 8 h
Detection time no more than 2 sec
Time to enter operating mode no more than 15 sec
Climatic operating conditions:
 - operating temperature range from minus 0 to plus 40 ° C;
 - relative air humidity of not more than 85% at a temperature of plus 25 ° C \pm 1 ° C



Delivery set

- ZASLON-M detector
- Photoluminescent Sensor Kit, 3 pcs
- Shoulder Strap
- Operation Manual
- Charger
- Case

Holographic Subsurface Radar RASCAN-5/7000

Purpose and advantages

- RASCAN-5/7000 is a lightweight, portable holographic radar system intended for sounding structural components of buildings (brickwork, wall panels, cast in place concrete and reinforced concrete, etc.) for detection of buried objects (wiring, reinforcement, voids, various kinds of discontinuities and foreign bodies)
- RASCAN-5/7000 produces plan view gray scale images of the subsurface objects using five simultaneous frequencies
- The images can be focused by special algorithms for improving their resolution
- RASCAN-5/7000 can be applied in the following areas: counterintelligence activities for detecting of bugging devices; operative inquiry activities of law-enforcement agencies; surveying of building structures for determining the position of defects, reinforcement, voids and other heterogeneities; inspection of the objects of cultural heritage



Two reinforcement rods in concrete
(depth is 11 cm, distance between rods is 8 cm,
frequency is 6.6 GHz)



Word "RASCAN" cut from aluminum foil,
under 6 cm of foamed concrete
(frequency is 6.6 GHz)

Technical specifications

Dimensions	157 x 200 x 63 mm
Control unit	95 x 148 x 119 mm
Weight	1,9 kg
Maximum sounding depth (depends on medium properties):	
in concrete	75 mm
in brick wall	150 mm
in wall board, in wood	180 mm
Transmitter power	< 10 mW
Power source	< 3 W
Supply voltage AC / DC	100-230 (50-60 Hz) / 12 V

Delivery set

- Head
- Control unit
- Straight sounding head cap
- Angular sounding head cap
- Cable for connecting head to control unit
- Cable for connecting control unit to PC
- Power supply unit
- Mating part for external +12VDC power supply socket (connect internal electrode to the positive terminal of the power source)
- Software CD
- User manual



RAKSA iDet Selective RF Detector

Purpose and advantages

- RAKSA iDet Selective RF Detector can be used to detect and locate in near field a wide variety of radio transmitters used for secret access to information
- RAKSA iDet detects cellular and wireless signals: GSM 850/900E/1800/1900; UMTS 850/900/1800/1900/2100; 4G; Wi-Fi, Bluetooth, DECT; Wireless video cameras; Radio transmitters with analog modulation (AM, FM, PM); Radio transmitters with digital modulation and continuous carrier (FSK, PSK, etc.); Radio transmitters with wideband modulation up to 10 MHz bandwidth
- The cycle time for scanning and analyzing all digital and analog signals does not exceed 3 seconds
- The RAKSA iDet Selective RF Detector can operate in security, survey, search, spectrum subtraction search and digital signal monitoring modes
- The interface languages for the export version are English, German, French, Italian, Spanish, Polish, Czech

Technical specifications

Dimensions 77 x 43 x 18 mm
Weight..... 35 g
Frequency band..... 40-3800 MHz
Dynamic range.....50 dB

Delivery set

- RAKSA iDet Selective RF Detector
- Charging Device
- User Manual



Multifunctional detection device ST 500 "PIRANHA"

Purpose and advantages

The multifunctional detection device ST 500 "PIRANHA" is intended for the detection and location of eavesdropping devices.

Functionally, the device consists of four detection channels.

Channels for the detection of wireless eavesdropping devices:

- SELECTIVE HF DETECTOR is intended for the detection of analog and digital wireless (utilizing GSM, LTE, Bluetooth, or WiFi) eavesdropping devices operating in the frequency range 20 - 6000 MHz

- IR DETECTOR is intended for the detection of IR transmitters (eavesdropping devices using the infrared range for transmissions);

Channels for the detection of wired eavesdropping devices:

- WIRED RECEIVER is intended for the detection of high-frequency signals from eavesdropping devices that transmit information via electric mains and low current lines in the frequency range 100 kHz – 180 MHz

- LOW FREQUENCY AMPLIFIER is intended for the detection of LF signals from eavesdropping devices.



Technical specifications

Dimensions165 x 100 x 40 mm

Weight..... 470 g

Power consumption < 1 W

Time of continuous operation at max power > 4 hrs

Selective HF Detector:

Operative frequency range..... 20-6000 MHz

Passband..... 1 or 20 MHz

Rate of scanning 18 GHz/sec

Minimum detection level..... - 70 dB

IR Detector:

Spectral range 0.75...1.1 μ m

Detection passband 5 MHz

Field-of-view angle..... ± 20 degrees

Wired Receiver:

Operative frequency range 0.1-180 MHz

Whole range scanning time 2 sec

Minimum detection level -50...-75 dBm

Demodulation type AM, FM

Input filter passband 180 kHz

Maximum voltage on the circuit 250(AC), 60(DC) V

Low Frequency Amplifier:

Gain..... 1,2,5,10,20,50,100 times

Frequency range 20 – 25000 Hz

Bias voltage range, V ... +30, -30

Wireline analyzer ST 301 "SPIDER"

Purpose and advantages

- The Analyzer is designed to detect and localize eavesdropping devices that are galvanically connected to power mains and low-current cables
- In the ST 301, passive and active modes of operation are used to detect enabled, switched off, or faulty eavesdropping devices
- Functionally the Analyzer consists of four components (DEVICES):
 1. LOW FREQUENCY AMPLIFIER (LFA)
 2. WIRE RECEIVER (WR)
 3. NON-LINEAR JUNCTION DETECTOR (NLJD)
 4. REFLECTOMETER (REF)
- Only one channel can work at a time
- Every CHANNEL operates in certain MODES
- Every MODE has a set of search FUNCTIONS



Technical specifications

Dimensions	165 x 98 x 40 mm
Weight.....	470 g
Power consumption	< 1 W
Operating time at the max power consumption	> 3 hour
LFA: Frequency range	20 – 25000 Hz
Form of representation of a signal	Oscillogram, Spectrogram
WR: Frequency range,	0.1 – 180 MHz
Time of scanning of all range	0.3 – 1 sec
Min level of detected signal in AUTOMATED mod	-60 dBm
Demodulation	AM, FM
Data representation form	Spectrogram, Oscillogram, Table
NLJD: Level (amplitude) of the probing signal	±14 V
Frequency of the probing signal	60 Hz
Separate indication of even and odd harmonics	yes
Minimum detectable level of non-linear distortion ...	0.1 %
REF: Range of distances	3 – 150 m
Error of measurements,	± 0,6 m
The ability to work on cables under voltage	no

Frequency and Power Meter MFP-8000

Purpose and advantages

- The MFP-8000 is designed to measure the frequency and intensity of a radio field in the frequency range from 100 kHz to 8 GHz
- It can be used in conducting search operations, setting up radio transmitting devices and monitoring the air
- In the "watchman" mode, it monitors the level and frequency of the signal, issues an alarm warning when the set threshold is exceeded
- It can measure power of the input signal within a level range from -50dBm to +30dBm
- It can automatically tune radio receivers and spectrum analyzers to the measured signal frequency via a built-in interface (option, ordered separately)
- It can utilize acoustic feedback mode during search work
- It supports surveillance mode when it responds to signals with a power level exceeding a specified threshold

Delivery set

- MFP-8000
- Antenna A-1; Antenna A-2
- N-BNC adapter
- RS-232 interface cable
- Charger
- User Manual; Certificate
- Package box



Technical specifications

Dimensions	115 x 70 x 27 mm
Weight	<= 300 g
Dynamic range of power level measurement	90dB (-60dBm...+ 30dBm)
Accuracy of power level measurement	± 0.5dB
Display	LCD, 4 lines
Sensitivity for frequency measurement:	
	-45dBm (1.26mV) for the frequency range (300-6000) MHz
	12,68mV (-25dBm) for the ranges (0.1- 0.3) MHz
	and (6000-8000) MHz
Power supply	a built-in Li-Ion battery 3.6 W / 1.95 A/h
Operating time from the built-in Li-Ion battery ...	at least 8 hours
Switchable frequency detection accuracy	1 Hz, 10 Hz, 100 Hz, 1 kHz



Detector of concealed video cameras Optic-2

Purpose and advantages

- "Optic-2" is a professional hidden camera detector designed to detect and locate hidden or camouflaged camcorders and pinhole cameras, regardless of their status (on/off)
- The reverse reflection from hidden camera lenses will be seen thru Optic-2 oculars as a green or red dots
- Built-in battery allows not to worry about battery cells

Technical specifications

Dimensions 125 x 85 x 65 mm
Weight..... 450 g
Detection range 0,5 – 50 m
Angle of view 7,5 degrees
Magnification 6.5x
Focus range 0.5 m to ∞
Mode - continuous green
 - continuous red
 - pulse green
 - pulse Red
 - pulse red-green
Backlight colour green, red, red/green
Operating time in impulsive mode at least 4 hours
 in continuous mode: not less than 6 hours

Delivery set

- Charger
- Strap
- Transport bag
- Manual, passport
- Built-in battery Li-ion 3,7 V, 800-1200mA



Professional hidden camera detector

SEL-122B "Oblik-2"

Purpose and advantages

- "OBLIK-2" is a hidden camera lens finder capable of detecting any type of video camera lens (hidden or camouflaged on clothes, in objects or built into interior, including cameras with pin-hole lens) at distances up to 50 meters
- OBLIK-2 operation principle is based on causing camera lens to produce a visible glint by flooding it with bright LED light that causes the reflection
- Device is designed around a high-end binoculars set with adjustable magnification, wide focus range and high light transmission lens
- The use of two different light sources in the green and red ranges of the spectrum allows you to find hidden video cameras protected by special "band-pass" filters
- The device is controlled with just one button

Delivery set

- Oblik-2 detector
- Shoulder strap
- Battery charger
- USB cable
- Transport bag
- User manual, passport

Technical specifications

Dimensions (excluding antenna): 120 x 110 x 65 mm
Weight with antenna <= 450 g
Detection range (depends on general light conditions)	... > 50 m
Magnification from 6.5x
Number of LEDs 2 pcs
Operating modes continuous, variable, pulse
Control indication light (LED) and sound (buzzer)
Power supply Li-pol battery
Continuous operation time up to 5 hours
Charging port USB Type-C



Detector of Hidden Television Surveillance Systems Granat-2

Purpose and advantages

- Compact portable device for individual use is designed for detection small-size video surveillance, camouflaged in the interior items, clothing, household goods, handbags, cases and etc
- Device allows detecting running on TV-cameras equipped with microlenses (incl. pin-hole)
- Device provides probing radiation with white LED (RGB)
- RGB LED contains 3 LEDs of red, green and blue colors in one case. A combination of three colors allows to scan in the entire visible wavelength range up to IR radiation
- GRANAT-2 has dioptric eyepiece adjustment ± 5 dioptries and 2 modes of operation (constant and impulse). These features allow to increase probability and accuracy of detection secret video cameras in comparison with usual surveillance detectors

Delivery set

- GRANAT-2 device
- Battery CR123A
- Plastic Case

Technical specifications:

Dimensions	80 x 70 x 45 mm
Weight	up to 250 g
Angle of the field of observation	8°
Zoom	4x
Detection range of optical objects	2±0,1 m ÷ 25±0,5 m
The time for entering the operating mode	5 sec
Wavelength	625/525 nm
Type of built-in highlight	Light emitting diode
Angle of highlight area	18°
Operation time	at least 10 hours
Degree of protection	IP65
Operating temperature range.....	-10°C...+50°C



Detector of concealed video cameras

Arcane Sel Pro

Purpose and advantages

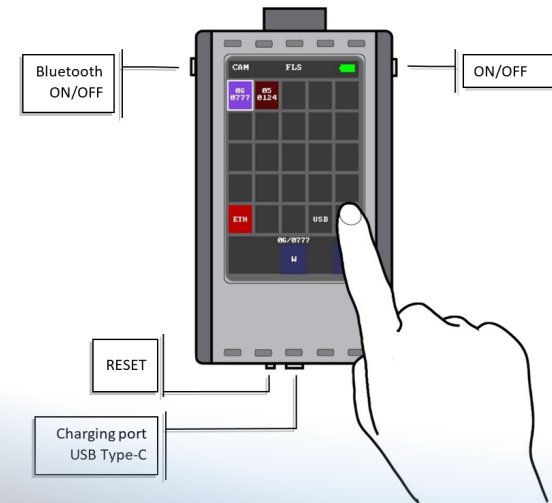
- ARCANES SEL PRO digital hidden video cameras detector is designed for remote detection and localization of powered hidden video cameras which are installed outside, indoors, concealed as objects or body-worn
- The detector has the ability to communicate via Bluetooth with a smartphone to control and transmit information to it, which allows you to instantly detect the presence of nearby (from 1 to 2 meters) hidden video cameras and search for them unnoticed by others
- ARCANES is able to detect both analogue and digital cameras regardless of concealment and video transmission methods
- Types of devices and signals detected by the device: Analog video cameras CCIR, CVBS (PAL, NTSC); Digital video cameras AHD, CVI, TVI, PVI; Digital IP video cameras and devices (Ethernet); Digital USB video cameras (UVC, OTG); Video recorders with USB flash memory; Digital video recording devices on SD memory cards; Digital video recorders (DVR)

Delivery set

- ARCANES SEL PRO + Cylindrical antenna
- USB cable – USB Type-C
- Stylus
- Software on USB flash drive
- User Manual
- Hard case

Technical specifications

Dimensions (excluding antenna) 80 x 130 x 20 mm
Weight with antenna < 300 g
Antenna 127 mm, $\varnothing=16$ mm
Types of detectable digital signals ETH; USB; FLH
Number of images in the memory ... 16
Power supply 5 B/2 A USB Type-C
Power supply Battery Li-Pol battery
Detection time (average) 2 sec
Analysis time (average) 5 sec
Continuous battery life > 2 h
Bluetooth Data Transfer protocol BLUE 5.0



ST 167 "Betta" Search receiver

IS DESIGNED TO DETECT AND DETERMINING THE LOCATION OF RADIO TRANSMITTING DEVICES OF COVERT RECEPTION INFORMATION

Purpose and advantages

- Detection of analog and digital signals in 50 – 6000 MHz frequency range
- Sound control (AM and FM demodulation)
- Special algorithms for identification of CDMA 450, GSM, 3G, 4G, 5G, DECT, WLAN2.4, 5GHz and BLUETOOTH
- 24 hour monitoring with the creation of a database of events. Work on schedule
- Jammers detection special mode, including GPS/GLONASS
- SMS detection special mode
- Indication of the level of GSM, 3G and 4G base stations
- Separate indication of channels for 3G, 4G, DECT, WLAN 2.4 and 5GHz
- Multiple range settings
- Special software "ST167 ANALYZER"
- Firmware update via internet
- Extremely small dimensions for this type of device

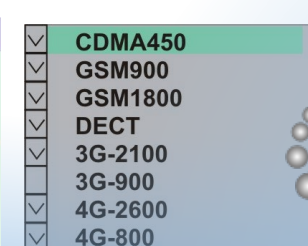
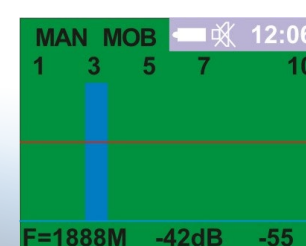
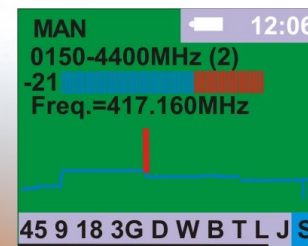
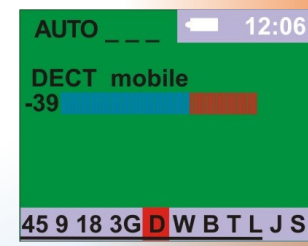
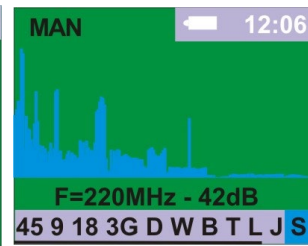
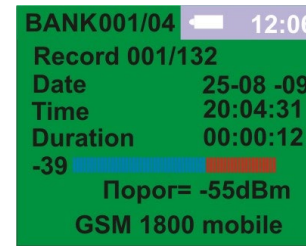
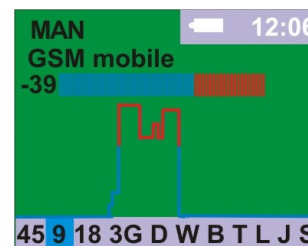
Delivery set

- Main unit
- RF antenna
- USB cable
- Power supply
- USB flash drive with software and user's guide



Technical specifications:

Overall dimensions main unit	90 X 54 X 21 mm
PC interface	USB 2.0
Average current consumption	450 mA
Frequency measurements accuracy	0.01 MHz
Average dynamic range	65 dB
Passband	2, 5, 10 ,15, 20 MHz
Frequency range	50-6000 MHz
Threshold sensitivity	90 (1000MHz) dBm 70(5000MHz) dBm
Power Supply	Built-in Li-Pol Battery 3.6V (1.8A/h)



ST 167W5 Search receiver

Purpose and advantages

- ST 167W5 is a modification of ST167 "Betta"
- ADDED THE ABILITY TO:
 - Analyze WLAN networks in the 2.4 and 5GHz ranges (802.1a, b, g, n) with the display of access points, MAC addresses, channel numbers and signal strength

Displaying list of access points (WLAN 2.4, 5GHz 802.1a,b,c,n), their names, MAC addresses, used channel and signal strength:

WiFi Networks List				
Data received. New network(s) detected!				
Number	SSID	MAC Address	RSSI, dBm	Channel
1	Phone	9a18b00d7785	-41	11
2	DanaherGuest	e4aa5dff48e2	-70	1
3	Hinet	4c5ec5c5e3d	-75	1
4	DanaherMobile	e4aa5dff48e1	-70	1
5	Spektr2G	74d02bdd9dde	-73	3
6	K326	e48d8c75c5c7	-76	3
7	Ferro-Guest	58ac78784ec0	-72	5
8	HP-Print-66-Laser	ec0ec41e9b66	-68	5
9	GP	149f3cd0d362	-78	6
10	GenPribor	ec43f6e057d0	-74	6
11	BMC	a0f3c1dacfec	-54	8
12	DIRECT-44-HP M426	561379d46844	-60	8
13	YOTA	e47deb2b8f09	-83	8
14	HP-Print-91-Laser	bc85560d7791	-61	11
15	smersh	22b04b9097	-53	11
16	DIRECT-29-HP M477	822bf96fe629	-81	11



Technical specifications

Overall dimensions main unit	90 X 54 X 21 mm
PC interface	USB 2.0
Average current consumption	500 mA
Frequency measurements accuracy	0.01 MHz
Average dynamic range	65 dB
Passband	1, 8, 20 MHz
Frequency range	25-6000 MHz
Maximum current of relay contacts	100 mA
Maximum resistance of closed raelay contacts ...	25 Ohm
Threshold sensitivity	75 (1000MHz) dBm 55 (5000MHz) dBm
Power Supply	Built-in Li-Pol Battery 3.6V (2.2A/h)

Delivery set

- Main unit
- RF antenna
- USB cable
- Power supply
- USB flash drive with software and user's guide

ST 111 Professional RF detector

Purpose and advantages

- ST111 is designed for detecting and locating of radio transmitting bugging devices, such as: radio microphones, Including Burst transmitters, and devices with frequency hopping technology; GPS TRACKER; GSM bugs; wireless video cameras, stethoscopes; unauthorized used WLAN and DECT devices
- Principle of operation of ST 111 is based on broadband detection of electrical field
- ST 111 operates in two main modes: SEARCH and MONITOR. Additional modes include: LOG VIEW, OSCILLOSCOPE and RECORDER.
- Key features:
 - Displaying of identified signals of GSM (2G), DECT, WLAN (2.4GHz)
 - Separate indication of analog and pulse signals
 - Frequency meter
 - Oscilloscope
 - Timing diagram
 - Special software "ST110 ANALYZER"
 - Firmware update via internet
 - 24/7 monitoring
 - Log of events



Technical specifications:

Overall dimensions main unit	90 X 54 X 21 mm
Gross weight	0,25 kg
Consumption current, max	110 mA
Power Supply	Built-in Li-Pol Battery 3.6V
Frequency measurements accuracy	0.005 MHz
Frequency range 1	50-2500 MHz
Frequency range 2	2500-7000 MHz
Dynamic Range of indication range 1.....	55 dB
Dynamic Range of indication range 2	30 dB
Threshold sensitivity	75 (50MHz) dBm
	70 (1500MHz) dBm
	50 (2500MHz) dBm
Frequency range of frequency meter	50-2500 MHz
Sensitivity of frequency meter	35 (50 MHz) dBm
	50 (500 MHz) dBm
	20 (2500 MHz) dBm

Delivery set

- Main unit
- RF antenna
- USB cable
- Power supply/Charger
- USB flash drive with software and user's guide

Digital voice recorders Series Soroka

Series opportunities and advantages

- Due to the miniature size, light weight removable microSD card the devices of that series are very mobile and easy to use
- The recorders' microphone is distinguished by high sensitivity and low noise level providing professional audio recording
- Recorders are controlled with one button and 2 LEDs
- With the help of special software the user can easily adjust the quality and time of recording, enable and configure professional functions depending on the surrounding conditions and in accordance with the requirements
- Automatic and Manual Gain Control (AGC) enabling it to control recording sound level. AGC makes it possible to perfectly record very loud sounds and amplify silent ones
- Connecting a voice recorder from 5-28V, for example, to the internal power supply in the car
- Extremely low power consumption: device is able to operate in record mode up to 28 days with an external accumulator
- Function of digital signature, allowing it to determine the authenticity of record
- Encrypting records with a password
- Built-in clock, calendar, alarm clock, VAS
- Event logger (locking on, off, low battery charge, start and stop recording, etc.)

General specifications

Function of work as an alarm clock yes

(up to 10 alarms or daily cyclic alarm clock)

File encryption function yes

The digital signature of files function yes

Voice operated switch (VOX) mode yes

Connecting an external high-capacity battery..... 1.8A/h

Connection to external power supply..... 12V

The presence of a cyclic recording mode..... yes

Three operating modes:

recording when the power button is pressed

recording according to a schedule

recording by sound activation



Digital voice recorders Series Soroka



Comparative characteristics

	14E	15E	16E	17E	18E	10E	11E
Case	steel	aluminum	aluminum	aluminum	steel	steel	steel
Dimensions, mm	28x23,6x10	33,3x26x5,3	80x37x8,3	26,5x26,8x5,2	24,3x14,2x9,4	51,3x14,5x16,2	36,7x14,2x17,7
Weight, g	15	8,7	47,1	6,2	7,5	31,6	25,3
Operation time	up to 128 h	up to 83 h	up to 1122 h	up to 65 h	up to 65 h	up to 240 h	up to 240 h
Power supply	rechargeable battery	rechargeable battery	rechargeable battery	rechargeable battery	rechargeable battery	Battery type LR03 1,5 V	Battery type LR03 1,5 V
Audio recording mode	mono	mono	mono	mono	mono	mono	mono
Microphone Sensitivity , m	12	12	12	12	12	12	12
Audiocodec, bit	8, 16, 20	8, 16, 20	8, 16, 20	8, 16, 20	8, 16, 20	8, 16, 20	8, 16, 20
Recording format	WAV	WAV	WAV	WAV	WAV	WAV	WAV
Dynamic range, dB	60	60	60	60	60	60	60
Sample rate, kHz	8, 16, 24, 32	8, 16, 24, 32	8, 16, 24, 32	8, 16, 24, 32	8, 16, 24, 32	8, 16, 24, 32	8, 16, 24, 32
Frequency band 8kHz/16kHz/ 24kHz/32kHz	80Hz-3,3kHz/	60Hz-3,3kHz/	60Hz-3,3kHz/	80Hz-3,3kHz/	80Hz-3,3kHz/	60Hz-3,3kHz/	80Hz-3,3kHz/
	80Hz-6,6kHz/	60Hz-6,7kHz/	60Hz-6,7kHz/	80Hz-6,6kHz/	80Hz-6,6kHz/	60Hz-6,7kHz/	80Hz-6,6kHz/
	80Hz-10kHz/	60Hz-10kHz/	60Hz-10kHz/	80Hz-10kHz/	80Hz-10kHz/	60Hz-10kHz/	80Hz-10kHz/
	80Hz-13,3kHz	60Hz-13,5kHz	60Hz-13,5kHz	80Hz-13,3kHz	80Hz-13,3kHz	60Hz-13,5kHz	80Hz-13,3kHz

Digital voice recorder Soroka 14E

Opportunities and advantages

- The ability to connect an external microphone allows you to use the recorder in various conditions
- A convenient tactile button allows you to turn on the voice recorder through your clothes
- The recording time of the «Soroka-14E» is up to five days without interruption
- Increased operation stability at ultrasound

Technical specifications

Working time (continuous recording):

up to 128 hours on the built-in microphone,
on an external microphone for up to 88 hours

Type of power supply..... built-in

Expert opinion for the court yes



Delivery set

- Voice recorder
- SDHC Memory Card 32 GB Samsung EVO+
- USB cable for charging the recorder
- External microphone 45 sm
- Card Reader

Digital voice recorder Soroka 15E

Opportunities and advantages

- Voice recorder“Soroka-15E” is characterized by a light and thin body
- It is possible to connect an external microphone
- The button is slightly recessed, this protects the recorder from accidental activation
- Increased operation stability at ultrasound

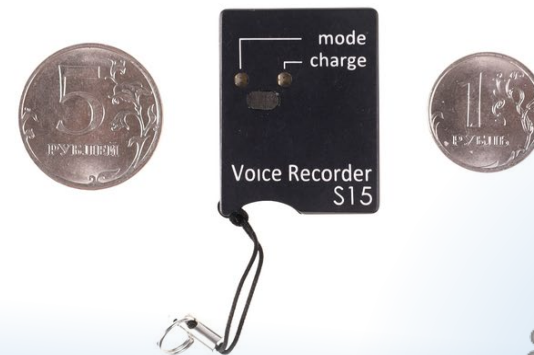
Technical specifications

Working time (continuous recording):

on the built-in microphone up to 83 hours
on the external microphone up to 59 hours

Type of power supply..... built-in

Expert opinion for the court no

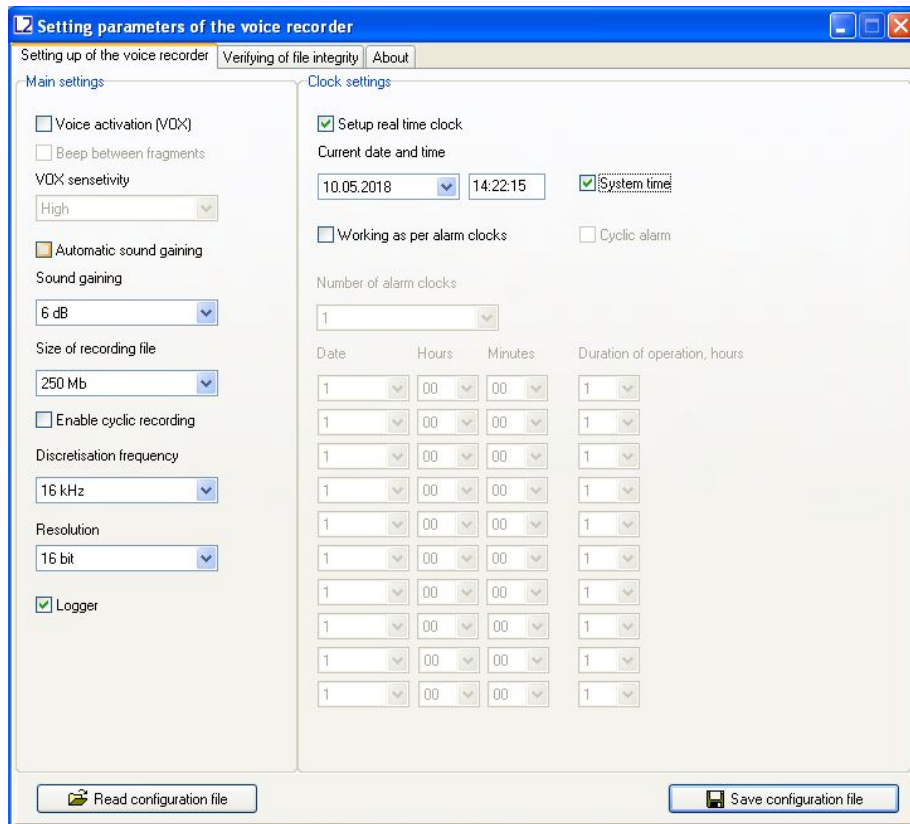


Digital voice recorder Soroka 16E

Opportunities and advantages

- “Soroka-16E” is a universal voice recorder model
- Recording time is up to 46 days without interruption
- It is characterized by stable operation when exposed to ultrasound
- Built-in batteries have a large capacity
- High-quality audio recording without signal's compression

Program window



Technical specifications

Working time (continuous recording)

on the built-in microphone up to 1122 hours,
on the external microphone up to 801 hours

Type of power supply..... built-in

External microphone..... included

Expert opinion for the court no

Delivery set

- Voice recorder
- SDHC Memory Card 32 GB Samsung EVO+
- USB cable for charging the recorder
- External microphone 45 sm
- Card Reader



Digital voice recorder Soroka 17E

Digital voice recorder Soroka 18E

Opportunities and advantages

- "Soroka-17E" and "Soroka-18E" are one of the smallest models of "Soroka" voice recorders, light and thin
- They are characterized by stable operation when exposed to ultrasound
- Despite their small size, voice recorders provide high-quality recording of phonograms and are capable of continuous sound recording for up to 65 hours



Technical specifications

Working time (continuous recording)... up to 65 hours on the built-in microphone

Type of power supply built-in

External microphone it is impossible to connect

Expert opinion for the court:

Soroka-17E yes

Soroka-18E no



Delivery set

- Voice recorder
- SDHC Memory Card micro SD/SDHC 32 GB Samsung EVO+
- Battery charging adapter
- USB cable for charging the recorder
- Card Reader



Digital voice recorder Soroka 10E

Opportunities and advantages

- An external microphone provides high-quality audio recording, both for long-distance and outdoor sound recording
- The ability to quickly replace batteries allows you not to waste time charging the battery
- It is not suppressed by ultrasonic suppressors

Technical specifications:

Working time (continuous recording)..... up to 240 hours on the built-in microphone
up to 155 hours on the external microphone
External microphone..... included
Type of power supply..... removable
Expert opinion for the court no

Delivery set

- Voice recorder
- Memory Card micro SD/SDHC 32 GB
- External microphone (for Soroka 10E)
- 1.5V AAA batteries, 2 pieces (for Soroka 10E)
- 1.5V LR1 battery, 2 pieces (for Soroka 11E)
- Card Reader



Digital voice recorder Soroka 11E

Opportunities and advantages

- Practical model of small size and weight
- The ability to quickly replace batteries allows you not to waste time charging the battery

Technical specifications:

Working time (continuous recording).... up to 236 hours
External microphone..... it is impossible to connect
Type of power supply..... removable
Expert opinion for the court no



Series EDIC-mini Card +

EDIC-mini Card+ A141

Opportunities and advantages

- The recorder connects to a computer like a regular USB flash drive and works with any operating system (Windows, macOS, Linux, Android, etc.)
- You can also transfer recordings to your computer via a removable microSD
- The voice recorder combines the convenience of both internal and removable memory
- The voice recorder is controlled by editing a text configuration file and does not require the installation of special programs
- Main functions:
 - recording audio data in WAV format with a sampling rate of up to 16kHz and a bit depth of up to 24 bits;
 - memory is a quick-change microSD card with support for FAT32 and exFAT file systems;
 - Built-in real-time clock with calendar;
 - marking the name of the created audio files with the date and time, as well as the serial number and the mode in which the recording was performed;
 - a digital signature of the recordings made, which allows you to guarantee the authenticity of the recordings, password protection of the recordings;
 - 4 timers to enable recording at the right time (single, daily and daily with delayed start);
 - voice activation system (VAS), linear and ring recording

Technical specifications

Case..... metal
Dimensions 68*44*8 mm
Weight 41 g
Li-Pol battery capacity 600 mAh
Acoustic sensitivity up to 15 meters
Recording time in 16 kHz/16 bit mode on a 32 GB microSD card:
11.5 full days of recording (277 hours)
Recording modes:
8kHz/8bit, 16kHz/8bit, 8kHz/16bit, 16kHz/16bit
Autonomy in 16 kHz/16 bit:
recording mode - 100 hours
in VAC standby mode - 1000 hours

Delivery set

- voice recorder EM Card+ A141
- USB cable
- 32GB microSD card
- microSD card reader
- packing box



Series EDIC-mini Deni

EDIC-mini Deni A150 / A151

Opportunities and advantages

- The ability to use it as a flash drive
- It is determined directly in the PC. It does not require the installation of additional software and drivers
- Recording audio data in WAV format
- Maximum recording quality up to 24 bits and 32 kHz
- Support for microSD, FAT32 and exFAT file systems
- 4 timers to enable recording at the right time
- Voice Activation System (VAS)
- Linear and ring recording, or the so-called black box mode
- The voice recorder software allows you to configure the mode of operation and process recordings on personal devices running Windows, Mac, Linux, Android and other operating systems that support connecting external devices. Connect to your smartphone/tablet via an OTG cable (using the microSD-USB adapter included)
- Simplicity and accessibility of programming. In order to change the settings, you need to have any text editor on your PC. Or use the configurator located on the recorder
- Marking the name of the created audio files with the date and time, as well as the serial number and the mode in which the recording was performed
- Built-in real-time clock with calendar

Technical specifications:

Case	metal
Dimensions (EM Deni A150)	11*14.5*33.5 mm
Dimensions (EM Deni A151)	6,5*29.5*32 mm
Weight	7,5 g
Autonomy	up to 35 h
Internal memory (EM Deni A150)	8 GB
Internal memory (EM Deni A151)	32 GB
Acoustic sensitivity	up to 15 meters
Connector	Type C

Delivery set

- voice recorder EDIC-mini Deni A150 / EDIC-mini Deni A151
- USB cable
- packing box



Series EDIC-mini 3D

Opportunities and advantages

- The Recorder has three microphones and two memory card slots
- The use of digital microphones with a built-in 24-bit audio codec ensures maximum recording quality in the most difficult conditions, as well as high acoustic sensitivity (up to 18 m) and a wide dynamic range (24-bit)
- The presence of markers allows it to confirm the authenticity of the record in court
- The ability to make parallel recordings on two cards at once allows each of the parties to receive their own copy of the recording of the meeting immediately after its completion
- Recording is carried out onto a microSD card up to 256 GB, which provides up to 1 year of continuous recording
- 3D record mode. The track of the 3rd microphone is mixed into the first two
- Voice Activation System (VAS)
- Timers to start recording at the preset time (4 pcs) (once and daily)
- Linear and circular recording
- Digital markers to check record authenticity and prevent unauthorized modification of files
- Calendar, time and date attachment, encryption of the records made
- Control and indication: buttons and LED

Technical specifications

Case	plastic
Dimensions	98*98*20 mm
Weight	66 g
Battery life in record mode	up to 150 h
Power supply	rechargeable battery
Audio recording mode	stereo
Recording format	WAV
Frequency band	0,6-15 kHz
Dynamic range	65 dB
Sample rate	8, 16, 32
Battery charging time	3-4 hours

Delivery set

- Recorder
- SD card
- Headphones with 3.5 mm jack
- Charging cable
- Package box



Series EDIC-mini Ray+

EDIC-mini Ray+ A105

Opportunities and advantages

- Edic-mini Ray+ A105 is a professional voice recorder with an adaptive directional pattern and advanced features including playback mode in the Recorder itself and OLED indicator
- The use of 8 digital microphones with built-in 24-bit audio codec provides maximum recording quality in the most difficult conditions, high acoustic sensitivity (up to 20 meters) and a wide dynamic range (24 bit)
- Availability of markers allows it to confirm the authenticity of the recording in court
- Recording is performed onto microSD card up to 256GB, which provides up to 1 year of continuous recording
- Password protection of records
- Marking records with date and time, as well as the serial number of the recorder
- Built-in real-time clock with calendar. Timers to enable recording at the desired date and time
- Voice activation system (VAS), linear and ring recording (DVR mode)
- The ability to listen to recordings from a voice recorder through headphones.

Technical specifications:

Case	metal
Dimensions	100*33*8 mm
Weight	30 g
Battery life in record mode	up to 90 h
Power supply	rechargeable battery
Audio recording mode	stereo
Recording format	WAV
Frequency band	0,1-15 kHz
Dynamic range	79 dB
Sample rate	8, 16, 32
Indication of operation	LED, OLED display
Battery charging time	3-4 hours

Delivery set

- Recorder
- MicroSD card
- Reader for microSD card
- USB card reader for microSD cards
- Headphones with 3.5 mm jack
- Package box.



Series EDIC-mini Card 24S

Opportunities and advantages

- The EDIC-mini Card 24S series of professional stereo recorders has advanced functionality, including playback mode in the recorder itself and an OLED indicator in some models
- The use of digital microphones with a built-in 24-bit audio codec ensures maximum recording quality in the most difficult conditions, high acoustic sensitivity (up to 18 m) and a wide dynamic range (24 bits)
- The presence of markers will allow you to confirm the authenticity of the record in court
- Recording is performed on a microSD card with a capacity of up to 256 GB, which provides up to a year of continuous recording
- Password protection of records. Marking the recordings with the date and time, as well as the serial number of the recorder
- Built-in real-time clock with calendar. Timers to enable recording at the desired date and time
- Voice activation system (VAS), linear and ring recording (DVR mode)
- The ability to listen to recordings from the voice recorder through headphones (for A101 and A102)
- Setting the operating modes using a configuration file, or from a voice recorder for models with a screen
- Recording to a microSD card in the standard WAV format for all computers and smartphones
- Adjustment of the gain level

Edic-mini Card24S A101

Edic-mini Card24S A108



Edic-mini Card24S A102

Edic-mini Card24S A106



Series EDIC-mini Card 24S

Technical specifications

	Edic-mini Card 24S A101	Edic-mini Card 24S A102	Edic-mini Card 24S A106	Edic-mini Card 24S A108
Case	metal	metal+plastic	metal	metal
Dimensions, mm	11 × 25 × 55	11,5 × 36 × 43,5	5 × 17 × 57	7 × 71 × 107
Weight, g	30	20	8	89
Battery life in record mode	up to 100 h	up to 70 h	up to 75 h	up to 100 h
Power supply	rechargeable battery	rechargeable battery	rechargeable battery	rechargeable battery
Battery charging time	3-4 h	2 h	2 h	3-4 h
Indication of operation	LED	LED, OLED display	LED	LED
Compact flash card capacity, GB	32	32	32	32
Supported format	FAT32; exFAT	FAT32; exFAT	FAT32; exFAT	FAT32; exFAT
Frequency band	0,6-15 kHz	0,1-15 kHz	0,6-15 kHz	0,1-15 kHz
Sample rate	8, 16, 32	8, 16, 32	8, 16, 32	8, 16, 32
Features	listening to recordings from the device	listening and programming from the device	the smallest size in the series	increased autonomy in the series

Delivery set

- Voice Recorder
- USB cable for charging the recorder
- MicroSD memory card
- Reader for microSD card
- Headphones (for models EM Card24S A102 / A101)
- Package box



Series EDIC-mini Card

EDIC-mini Card A98

Opportunities and advantages

- The EDIC-mini Card series of voice recorders are professional voice recorders with easy operation and recording to a removable microSD card with a capacity of up to 256 GB (up to 8800 hours of recording). One of the smallest voice recorders
- Simple operation and intuitive functionality allow you to quickly turn on recording in a critical situation, and a removable card provides flexibility in using the recorder: when filling up memory, it is not necessary to immediately transfer information to a computer, it is enough to simply replace the card and continue audio recording
- Writing to the card is performed in a standard file system and in a standard format, which allows reading information by a computer with Windows, MAC, Linux, Android and other operating systems that support connecting external devices
- Acoustic sensitivity up to 10 meters
- 4 timers to enable recording at the right time
- Voice activation system (VAS), linear and ring recording (DVR mode)
- Built-in real-time clock with calendar
- Marking the name of the audio files with the date and time, as well as the serial number and the mode in which the recording was performed;
- Recording in charging mode

Technical specifications:

Case	metal
Dimensions	37*15*11 mm
Weight	7 g
Battery life in record mode	up to 40 h
Power supply	rechargeable battery
Audio recording mode	mono
Recording format	WAV
Frequency band	0,1-10 kHz
Dynamic range	65 dB
Sample rate	8, 16
Indication of operation	LED
Battery charging time	3-4 hours



Delivery set

- Recorder
- MicroSD card 8Gb
- Reader for microSD card
- Package box.

Series EDIC-mini Dime

EDIC-mini Dime A125 / A126 / A128 / A129 / A123

Opportunities and advantages

- The use of digital microphones with a built-in 24-bit audio codec ensures high recording quality in the most difficult conditions, good acoustic sensitivity (up to 15 m) and a wide dynamic range (24 bits)
- The presence of markers will allow you to confirm the authenticity of the record in court
- Password protection of records, marking records with date and time, as well as the serial number of the recorder
- Built-in real-time clock with calendar. Timers to enable recording at the desired date and time
- Voice activation system (VAS), linear and ring recording (DVR mode)
- Information about the recording process, power supply and memory using the LED indication
- Connect to any OS that supports connecting external devices (Windows, Linux, Android, macOS, etc.)
- Setting the operating modes using the configuration file. You can edit it using a text editor or create a new one in the online configurator and then save it to the recorder disk
- Built-in non-volatile memory (provides record storage for up to 10 years)



Series EDIC-mini Dime

Technical specifications

	Edic-mini Dime A125	Edic-mini Dime A126	Edic-mini Dime A128	Edic-mini Dime A129	Edic-mini Dime A123
Case	metal	metal	metal	metal	metal
Dimensions, mm	45*15*7	69*8,5	35*14*5,5	22*10,5*7,5	34*10,5*5
Weight, g	6	7	3,5	3	3,5
Battery life in record mode	up to 120 h	up to 140 h	up to 35 h	up to 30 h	up to 30 h
Power supply	rechargeable battery	rechargeable battery	rechargeable battery	rechargeable battery	rechargeable battery
Battery charging time	2 h	2 h	2 h	2 h	2 h
Indication of operation	LED	LED	LED	LED	LED
Record time (memory capacity in hours)	up to 72 h	up to 72 h	up to 72 h	up to 72 h	up to 72 h
Recording format	WAV	WAV	WAV	WAV	WAV
Frequency band	0,1-10 kHz	0,1-10 kHz	0,1-10 kHz	0,1-10 kHz	0,1-10 kHz
Sample rate	8, 16, 32	8, 16, 32	8, 16, 32	8, 16, 32	8, 16, 32
Dynamic range	70 dB	70 dB	70 dB	70 dB	70 dB
Features	increased memory control — switch	increased memory	compact size control — switch	extremely small size	extremely small size

Delivery set

- Voice Recorder
- Interface cable
- Package box

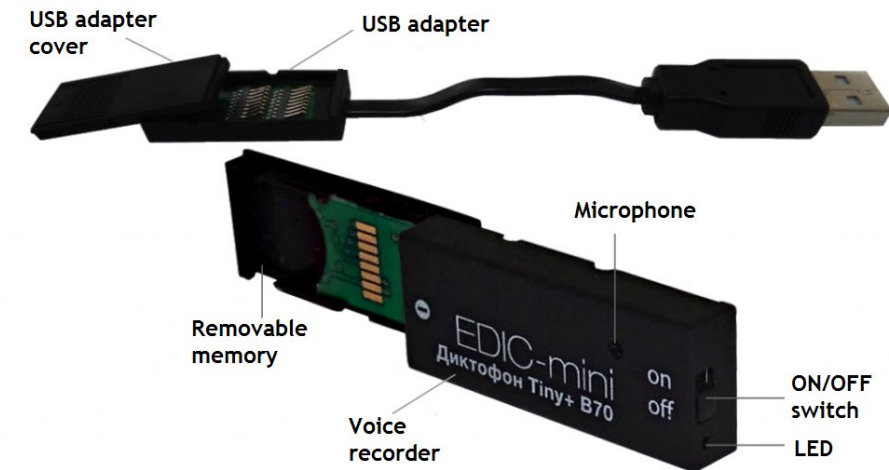


Series EDIC-mini Tiny+

EDIC-mini Tiny+ B70-150HQ / B76-150HQ

Opportunities and advantages

- Highly sensitive microphones provide good recording quality, low noise and acoustic sensitivity up to 12 m
- The built-in markers will show whether the recording was edited, confirm the time and date of recording, the type and serial number of the recorder on which the recording was made. Accepted by the court
- Information is transferred to a computer via an adapter with a high-speed USB 2.0 interface
- To work with the recorder, the EM Plus program is supplied, running under Win XP, Vista, 7, 8, 10
- Password-protected access to recordings and voice recorder settings
- Built-in non-volatile memory (provides storage of records for up to 10 years)
- The inability to write files to the device's memory
- Built-in real-time clock with calendar. Timers to enable recording at the desired date and time
- Voice activation system (VAS), linear and ring recording (DVR mode)



Series EDIC-mini Tiny+

EDIC-mini Tiny+ B76-150HQ

Technical specifications

Case metal
Dimensions 31*25*6 mm
Weight 16 g (without battery)
Memory capacity in hours 150h
Built-in flash memory 4 Gb
Battery life in record mode up to 25 h
Battery life in VAS mode up to 70 h
Power supply battery
Audio recording mode mono
Recording format WAV
Frequency band 0,1-10 kHz
Dynamic range 65 dB
Sample rate 8, 11, 16, 22
Indication of operation LED

Delivery set

- Audio recorder
- USB adapter
- 1 CR2016 battery
- Package box.



EDIC-mini Tiny+ B70-150HQ

Technical specifications

Case plastic
Dimensions 37*15*7 mm
Weight 7 g
Memory capacity in hours 150h
Compact flash card capacity 4 Gb
Battery life in record mode up to 10 h
Battery life in VAS mode up to 70 h
Power supply battery
Audio recording mode mono
Recording format WAV
Frequency band 0,1-10 kHz
Dynamic range 65 dB
Sample rate 8, 11, 16, 22
Indication of operation LED

Delivery set

- Audio recorder
- USB adapter
- Battery LR43
- Package box

Series EDIC-mini LED

Edic-mini LED S51 - 300h / A55 - 300h

Opportunities and advantages

- The 16-bit audio codec increases the detail of the recording
- Built-in automatic gain control system (AGC), which allows you to dynamically adjust the volume level of recorded information
- The presence of markers will allow you to confirm the authenticity of the record in court
- Access to the main functions of the device (deleting, copying records, changing settings) - only when using special RecManager software
- Password protection of access to recordings and settings of the voice recorder
- Built-in real-time clock with calendar. Timers to enable recording at the right time and date
- The ability to listen to recordings from a voice recorder through an headphone
- Display of the current time



Series EDIC-mini LED

EDIC-mini LED A55 – 300h

Technical specifications

Case metal
Dimensions 71*38*6 mm
Weight 20 g
Memory capacity in hours 300 h
Built-in flash memory 2 Gb
Battery life in record mode up to 150 h
Power supply rechargeable battery
Built-in microphone sensitivity ... up to 10 m
Recording format WAV
Frequency band 0,1-10 kHz
Dynamic range 80 dB
Sample rate 4, 8, 13.3, 20
Indication of operation LED
Voice Activating System YES
Battery charging time 3-5 hours

Delivery set

- Audio recorder
- USB adapter
- Headphone
- Package box



Edic-mini LED S51 – 300h

Technical specifications

Case metal
Dimensions 42*32*7 mm
Weight 20 g
Memory capacity in hours 300 h
Battery life in record mode up to 70 h
Battery life in VAS mode
(acoustic signal below the threshold) ... up to 5 days
Power supply rechargeable battery
Battery life in stand-by mode up to 12 months
Built-in microphone sensitivity up to 10 m
Built-in flash memory 2 Gb
Audio recording mode mono
Recording format WAV
Frequency band 0,1-10 kHz
Dynamic range 80 dB
Sample rate 4, 8, 13.3, 20
Indication of operation LED

Delivery set

- Audio recorder (wrist band is not included)
- USB-SPI adapter
- Headphone
- Package box

Series EDIC-mini Plus

EDIC-mini PLUS A32-300h

Opportunities and advantages

- 16-bit audio codec (DAC), which made it possible to significantly improve record quality. A new algorithm of sound digitizing made it possible to reduce digital noise
- Its built-in microphone Knowles (USA) provides professional audio recording in different acoustic environment from up to 9 meters
- A32 supports the system of digital markers: inaudible markers are added to the record allowing it to identify the record's time and date as well as the recorder's type and its serial number; and the attempts to modify it
- Recordings are saved in WAV format with 4 available compression modes: without compression, u-Law, ADPCM 4-bit, ADPCM 2-bit
- Recording is enabled with Switch, Voice Activation System (VAS), or daily and once timers
- Two-color LED indication of the recorder's operation (green-yellow and red-blue)
- Linear and circular record modes, Built-in clock and calendar

Delivery set

- Audio recorder
- USB-SPI cable
- Package box



Technical specifications

Case	plastic
Dimensions	54*24*11 mm
Weight	12 g
Memory capacity in hours	300 h
Battery life in record mode	up to 30 h
Power supply	rechargeable battery
Battery life in stand-by mode	up to 5 months
Audio recording mode	mono
Recording format	WAV
Built-in flash memory	2 Gb
Frequency band	0,07-6 kHz
Dynamic range	70 dB
Sample rate	4, 8, 16
Battery charging time	3 hours
Indication of operation	LED

