

VITOK-IP.MINI

“Vitok-IP.MINI” is a SORM probe for communication nodes and channels of small network operators with a bandwidth of up to 2 Gb/s.

The hardware and software complex “Vitok-IP.MINI” is developed according to the Order of the Ministry of Telecom and Mass Communications of the Russian Federation № 83 of April 16, 2014: “On the approval of regulations on the use of switching systems equipment, including software that provides performance of the established actions when carrying out Operative Investigative Activities”.

“Vitok-IP.MINI” is a full-fledged integrated SORM probe in full compliance with Technical Requirements of the Ministry of Communications of the Russian Federation, including requirements of the Order of the Ministry of Communications № 83 (12 hour circular buffer).

KEY FUNCTIONS OF “VITOK-IP.MINI”:

- decoding and analysis of the traffic which passed through a probe point within speed limits;
- record of all traffic in the cyclic buffer up to 12 hours;
- analysis of traffic quality, integrity, number of repeats;
- full traffic dump record at the speed of up to 20 Gb/sec if necessary;
- working with 10/100 Mb/sec, 1/10 Gb/sec full-duplex / half-duplex Ethernet channels;
- working with a full range of technologies of data and voice transmission: IGRP, MPLS, GPRS, CDMA, WiMAX, LTE;
- full decoding of application protocols for the analysis of electronic correspondence and web-mail, search of keywords;
- possibility of simultaneous connection to 3 SORM-2 control panels;
- flexible system of complex operability monitoring;
- certificate of Conformity;
- reception and decoding of data from channels in full without preliminary filtration.



TECHNICAL SPECIFICATIONS:

- Power supply: 100-240 VAC, 50-60 Hz;
- Weight: 3 kg;
- Power consumption: 200 W;
- Dimensions: (L / D / H): 220/290/110 mm/3U;
- Possibility of placing in the telecommunication case of 450 mm in depth.

CONNECTION OPTIONS:

- the optical coupler (splitter) is the main option for high-speed communication channels with small load. It taps the part of the optical radiation (15-50%) from the main data transmission channel and sends the tapped flow to the hardware-software complex;
- traffic mirroring (SPAN port) is duplicating of the traffic from one or more switch ports to one or two selected ports and supply of these packages to the hardware-software complex;
- the UTP coupler is a highly reliable specialized device for duplicating the flow of 10/100/1000 Mb/sec from the copper UTP or optical cable when the switch SPAN-port cannot be organized;
- traffic aggregators: flexible aggregation / filtering of these channels (up to 64x10Gb/1U) to the ports for monitoring on the basis of the CJSC "NORSI-TRANS" hardware (certified) is possible with an array of traffic tapping points;
- possibility of joint operation of a large number of small and inexpensive probes, installed in various buildings, districts of the city or the cities as a single SORM probe, for communication nodes with distributed network structure (cloud) with small load of each separate segment / section.

Simultaneous connection to several SORM-2 control panels in the structure of the distributed probe is provided by turning on of the concentration module: 1U for 10 control panels.

CJSC "NORSI-TRANS" is one of the leaders in the market of technical solutions for communication operators. Since 1996 the company offers the best hardware and software solutions in the sphere of information network security, legal control, network monitoring, analytical complexes and platforms for business intelligence systems. More than 100 employees perform research and development work and also manage their own developments.

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