

SHTIL-KOM

**AUTOMATED CELLULAR JAMMING SYSTEM WITH
POSSIBILITY TO CREATE “WHITE” LISTS**



SHTIL-KOM integrated solution for jamming and detecting cell phones is used to support the set mode of information security of the focused objects by jamming cellular communication channels with the allowed list of subscriber devices of cellular carrier networks still operating in the allowed bands.



The system is powered from 220 V AC external power line.



The SHTIL-KOM system is supplied complete with the set of simulation radio modules, set of power jammers, certification, operation manual, and free software of control automatic workstation.





FEATURES



- The system provides for the authorized devices operation by creating "white lists" of the GSM standard subscribers.
- The system promptly monitors any new unauthorized subscriber devices in the securable area by means of the signaling system on the system operator's control panel.
- There is an option to secure objects of any complexity by the connection of the required number of modules to the control unit using the Ethernet interface.
- Flexible setting up of radio modules makes it possible to cover the required range with the minimum bounds violation of the protected range.
- Database maintenance makes it possible to analyze the subscriber devices in the system coverage area over previous periods.
- The system provides for the maximum range of cellular suppression by means of special forms of the interfering signal for each communication standard.

Type of unit:
Operation time:

stationary
24 hours when powered from external power line

SIMULATION RADIO MODULE

Operating band:
Power supply voltage:
Output power:
Control interface:
Reference generator frequency stability:
Reference generator jitter:
Jamming-to-signal ratio:
Minimum input signal level:
Maximum input signal level:
Power consumed:

GSM900/GSM1800
220 V
from 0.01 to 2 W
Ethernet
 $5 \cdot 10^{-8}$
100 picoseconds
39 dB
-100 dBm
0 dBm
50 W max

SET OF JAMMERS

Jammed communication standards:
Power supply voltage:
Output power:
Control interface:
Transmitter weight:
Overall dimensions of transmitter:
Number of transmitters:

450...500 MHz; 920...960 MHz; 1805...1880 MHz;
2110...2170 MHz; 2400...2500 MHz; 2500...2700 MHz
220 V
up to 2 W
Ethernet
10 kg max
(700 × 170 × 60) ± 10 mm
3 pcs