

NSR® SOCJ System

Special Object Communication
Jamming system



SPECIFICATIONS

Channel*	Frequency range*	Output Power ($\pm 1.5\text{dBm}$)*
450MHz	452–475 MHz	50 dBm (100 W)
800MHz	791–894 MHz	50 dBm (100 W)
900MHz	921–960 MHz	50 dBm (100 W)
1.8GHz	1805–1880 MHz	50 dBm (100 W)
2.1GHz	2110–2170 MHz	50 dBm (100 W)
2.4GHz	2400–2500 MHz	50 dBm (100 W)
3.6GHz	3300–3600 MHz	50 dBm (100 W)

Blocking radius	50–600 m*
Total Output Power	700 W*
Power consumption	1400 W*
Number of antennas	7*
Device Size	720 × 452 × 335 mm
Antenna gain	13–15 dBi
Working angle	90°
Weight	65 kg
Power supply	110 V / 220 V AC
Cooling System	Systematic Smart Cooling System
Antenna Type	High Gain Antennas

* - Parameters may be modified based on the individual needs and requirements of the client.

System Configuration Options:

- **Continuous / Manual Mode**

Operates continuously or is switched on/off manually by the operator.

- **Smart / Intelligent Mode (with signal detector)**

Features an integrated detector that automatically turns the system on only upon detection of relevant signals, optimizing power consumption and reducing unnecessary operation.



Key Features & Advantages

Complete Suppression of All Modern Communication Channels in the 0–8000 MHz range

Effectively blocks:

CDMA, GSM, DCS, LTE (4G/5G)

Wi-Fi (2.4 GHz and 5.8 GHz)

All types of walkie-talkies

GPS / GNSS navigation

Most control channels of commercial and FPV drones (UAVs)

Why NSR SOCJ is the #1 Choice for Special Facilities

Prevents information leaks via mobile networks, Wi-Fi, and walkie-talkies

Disrupts coordination of intruders and use of drones

Minimizes risks associated with human factor

Built on proprietary Rasid Radar innovations (digital synthesis + AI-adaptive algorithms)

Easily integrates with existing perimeter security and radar systems (e.g., Skyscan UAV detection)

NSR SOCJ is not just a jammer.

It is an intelligent system for information and physical security of special objects, created at the intersection of cutting-edge electronics, software, and artificial intelligence technologies.

Ready to establish total communication control at your facility?

NSR SOCJ — the silence you fully control.



**Rasid Radar
Equipment
Manufacturing,
L.L.C.**

📍 Tawazun Industrial Park
Abu Dhabi, UAE
↳ P.O. Box: 136565
↗ nsr-defense.ae
✉ info@nsr-defense.ae
📞 +971 5476 70 500

