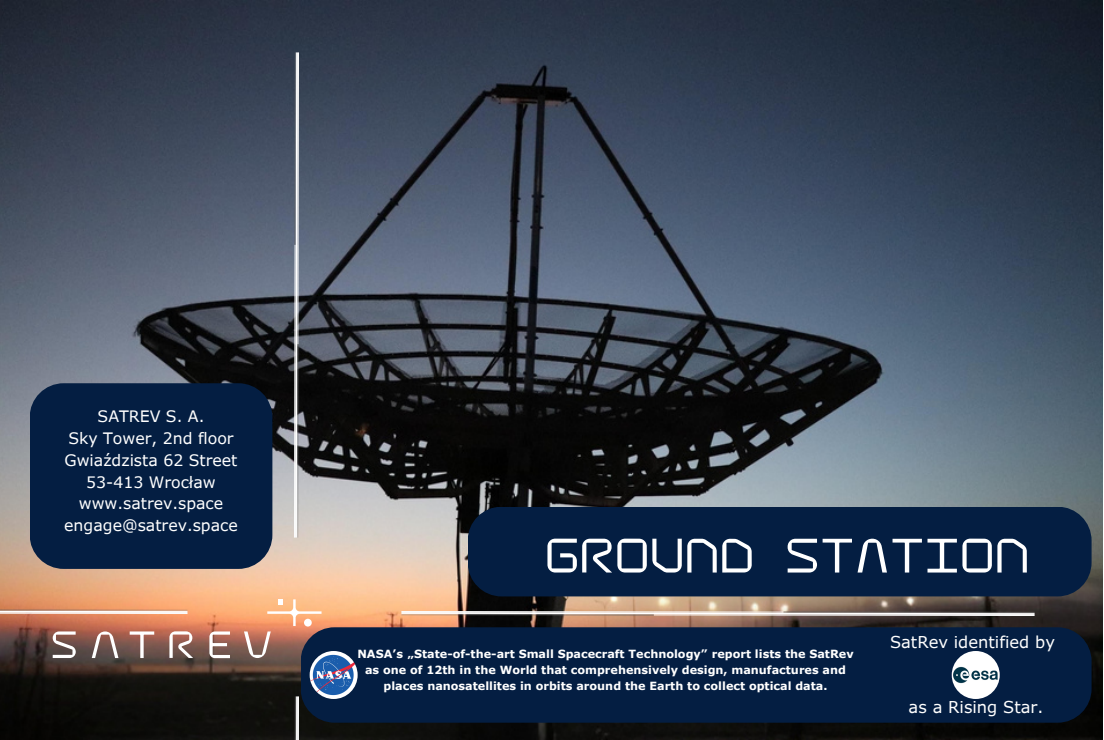




SATREV S. A.
Sky Tower, 2nd floor
Gwiaździsta 62 Street
53-413 Wrocław
www.satrev.space
engage@satrev.space

GROUND STATION

SATREV



NASA's „State-of-the-art Small Spacecraft Technology” report lists the SatRev as one of 12th in the World that comprehensively design, manufactures and places nanosatellites in orbits around the Earth to collect optical data.



SatRev identified by

as a Rising Star.

SatRev's Ground Station is a fully autonomous system enabling seamless satellite communication, with UHF for redundant TT&C and S-band for high-speed data downlink, ensuring sovereign operations, short revisit times, and maximized data collection.



Capabilities

- Track and communicate with LEO satellite
- Send and receive narrowband RF data in UHF
- Receive reduced bandwidth DVB-S2 data on S-band



Applications

- Provision of space-based services and data
- Technology demonstration and development
- Supporting Earth-Observation systems
- Scientific research



D-3.00M-3000A Prime Focus Mesh Antenna

High-gain 3m mesh satellite antenna optimized for 2250 MHz with a 2000–2300 MHz frequency range. Delivers 32 dBiC gain with 3° beamwidth for precise signal focus.

Built for performance in harsh conditions — weatherproof, wind-resistant up to 100 km/h, and operational from -20°C to +55°C. Fast and agile with 15°/s rotation and 2.5°/s² acceleration.

Ideal for reliable, high-precision satellite communication.



SRR-420 Antenna Rotator

The SRR-420 is a high-performance X/Y rotator, designed for precise antenna control. It delivers 9°/s rotation speed, 2.5°/s² acceleration, and a torque of 420 Nm, handling antennas up to 100 kg. Weatherproof and operational in temperatures from -20°C to +55°C, it integrates SatRev software with remote control and customizable source code. With power consumption of 2.2 kW @ 230 VAC, it's a reliable solution for demanding applications.



SatRev Radio Set GS-US-12-1A SDR with High Power Amplifier

Advanced software-defined radio system designed for versatile satellite applications. It features a high-power amplifier to enhance signal strength and reliability, making it ideal for satellite communication use in various fields such as Earth Observation or IoT.