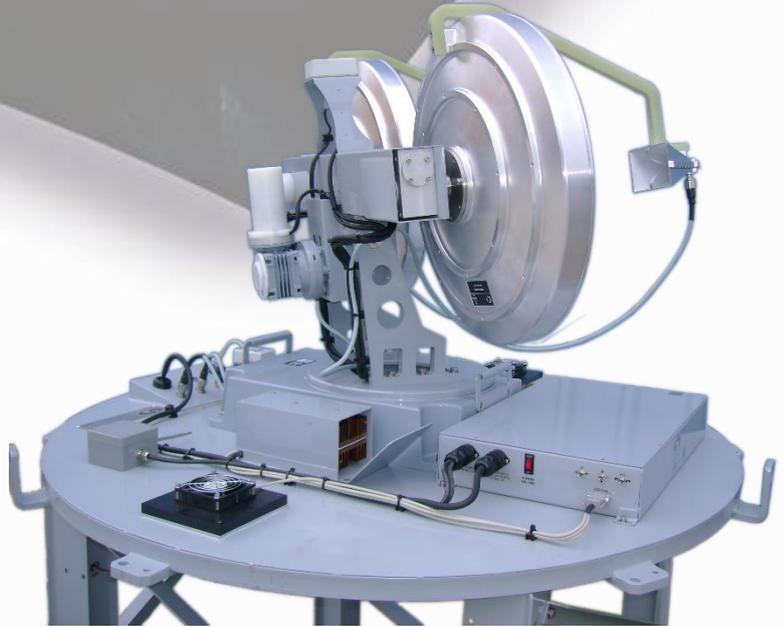


SVS SATELLITE SYSTEMS

SBAP55 SPECIAL SOLUTIONS ANTENNA SYSTEM

Special design antenna SBAP55 is created as multifunctional system. The mechanical of the antenna is carrying two-parallel-antenna at the same time and 3-axis motion provides for both antenna through antenna controller. Antenna diameter is selected as 55 cm in this application and the distance between the centers of the two antennas is 60 cm. This distance between antennas can be adjusted according to the application.

- Two-parallel-antenna has 3-axis motion
- GPS and 3-axis compass
- Removable antenna platform stand
- Easy to carry
- Designed as multifunctional
- Automatic 110 V - 220 V universal input
- Height adjustable antenna platform
- Waterproof additional equipment space between the antenna foot and platform



RADOME

Designed to protect the antenna system from external effects. This equipment provides to create more resistant antenna system and to work opportunity at offshore with water tightness ability. To protect the antenna from internal effects Radome has two fans. These fans are placed with a special design to prevent the leakage.



- Ventilation for the interior of radome
- Waterproof
- Watertight fan system
- Internal heating for radome
- To see the alarm information for all fans
- To manage the fans with the ethernet interface

SBAP55 SPECIAL SOLUTIONS ANTENNA SYSTEM

ANTENNA PLATFORM

Antenna platform is created to fix the antenna at the different application areas. You can see this multi- functionality every little detail over the antenna. Antenna platform has four stands under the platform and this is enough to create a balanced environment but still for more safety, antenna platform has the fixing points at the end of the stands.



- Adjustable platform height
- Removable antenna stand
- Connection points to carry with crane
- Waterproof additional equipment space between platform and antenna stand

TECHNICAL SPECIFICATIONS OF ANTENNA

MECHANICAL SPECIFICATIONS		
Elevation Range	-10°, +70° (Adjustable)	
Azimuth Range	±170° (Adjustable)	
Polarization Range	±45° (Adjustable)	
Weight	75 kg (Without Radome and Antenna)	
Power	220-110 V Universal Automatic Input	
Distance Between Two Antenna Centers	60 cm (Adjustable)	
SPEED	Minimum	Maximum
Azimuth	0.1°/sec (Adjustable)	12°/sec (Adjustable)
Elevation	0.1°/sec (Adjustable)	3°/sec (Adjustable)
Polarization	40°/sec (Adjustable)	40°/sec (Adjustable)