

## SVS SATELLITE SYSTEMS

# SBAP-55 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 the center of the two antennas is 60 cm. This distance between antennas can adjust according to the application.



- Parallel two antenna has 3 axis motion
- GPS and 3 axis compass
- Dissasambles antenna platform stand
- Easy to carry
- Designed as multifunctional
- Automatic 110V-220V 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 resistance antenna system and also provides to work opportunity at offshore with water tightness ability. To protect the antenna from internal effects Radom has two fans. These fans is placed with a special design to prevent the leakage.

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



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### 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 Specification of Antenna

#### Speeds

	Minimum	Maksimum
Azimuth	0,1° (Adjustable)	12° (Adjustable)
Elevation	0,1° (Adjustable)	3° (Adjustable)
Polarization	40° (Adjustable)	40° (Adjustable)

#### Ranges

Azimuth	±170° (Adjustable)
Elevation	-10°, +70° (Adjustable)
Polarization	±45° (Adjustable)
Weight	75 Kg (Without Radom and Antenna)
Power	220-110V Universal Automatic Input
Distance BetweenTwo Antenna Center	60 cm (Adustable)