



# SVS SATELLITE SYSTEMS



## SVSAT 78-KA

- Eutelsat Approval
- 78cm Offset Antenna
- Designed for Ka Band VSAT applications
- Hands-off spot selection
- Two axis motorized system
- (Optional 3-axis)
- Auto-Pointing and Auto-Pointing
- Easy to mount
- Compliant with Eutelsat Tooway and News Spotter services
- Compliant with Yahsat Yahclick services



The SVSAT 78-KA is a 78cm Ka Band motorized drive-away antenna. With its superior autopointing algorithm points to satellite in a few minutes. It can be easily mounted to any vehicle or fixed platform. Advanced Antenna Controller selects the Ka spot based on GPS location without any operator action.

- Advanced Antenna Control Capabilities of Pointsat
- Starts to operate with just push one button
- Adjustable mechanical switches and software limits
- Accurate resolver, GPS, compass, and clinometer sensors.



The SVSAT 78-KA motorized antenna system is a reliable choice for your Ka Band applications for broadcasters, telecom operators, production companies and end users. It also matches with the need of Oil & Gas Industry, and disaster recovery applications. When you need instant broadband data communications and a powerful antenna system with a strong structure, The SVSAT 78-KA motorized antenna system helps you provide immediate access to satellite and makes Video&Voice over IP, file transfer, e-mail or web browsing, and high-speed access possible in Ka Band.



Esenkent Mah. Baraj Yolu Cad. Emirgan Sok. No: 3 34776 UMRANIYE-ISTANBUL-TURKEY

Tel: +90 216 329 56 00 Fax: +90 216 329 02 99

www.svstelekom.com.tr sales@svstelekom.com.tr

# SVSAT 78-KA

RF SPECIFICATIONS		Transmit	Recive
Frequency Band		28.1-30.0 GHz	18.3-20.2 GHz
Polarization		Circular	-
Antenna Gain		44 dBi @29,75 Ghz	40,1 dBi@ 19,95 Ghz
Radio Mounting		Feed	-
Coaxial		Canare L-3CFB from transceiver to modem	
Tx-Rx Cable		2 pcs Canare L-3CFB cables (7m each)	
MECHANICAL SPECIFICATIONS			
Antenna Geometry		78 cm Circular Antenna,offset feed	
Mount		Elevation over azimuth	
Elevation Range		0°-55°	
Azimuth Range		±175°	
Weight		56 kg	
SPEED		Minimum	Maximum
Elevation		0.1°/sec	1.6°/sec
Azimuth		0.1°/sec	1.6°/sec
ENVIRONMENTAL SPECIFICATION			
Windload		72 km/h	160 km/h(deployed)
Ambient Temperature		-30 ° C to +55 ° C	-40 ° C to +70 ° C
Humidity		%0-%100	%0-%100
PHYSICAL SPECIFICATIONS			
Mounting Plate		L:108.5cm , W:44.5cm	
Stowed Dish Dimension		L:137.0cm , W:77cm , H:50cm	