

# VSAT DriveAway Satellite Antenna (Medium)

KU / KA Band Auto Pointing Antenna System 0.98m / 1.2m

## Antenna Specifications

Model	STC-1.2m-KU-M	STC-1.2m-KA-M
Band	KU Band	KA Band
Tx Frequency	13.75 - 14.50 GHz	29.40 - 31.00 GHz
Rx Frequency	10.70 - 12.75 GHz	19.60 - 21.20 GHz
Tx Gain	43.0+20lg(f/14.125) dBi	49.00+20lg(f/30.20) dBi
Rx Gain	42.0+20lg(f/11.85) dBi	45.50+20lg(f/20.20) dBi
Polarization Feature	Linear	Circular
Power Capacity	<200 watt	<200 watt
Feed Interface	WR75	RX WR42 / TX WR28
Cross Polarization	≥35dB ( Axis)	≥27 (Axial)
Rx/Tx Isolation	>40dB / >85 dB	>40dB / >85 dB
Side Lobe	< -14 dB (first sidelobe)	

## Mechanical - Electrical Specifications

Reflector Aperture	1.2 m (0.98m optional)
Reflector Type	Offset
Antenna Dimension (LxWxH)	1580x1210x320 mm
Antenna Weight	32 Kg
Azimuth	360°
Elevation	0°- 92°
Polarization	± 70°(KU Band)

## Environmental Specifications

Work Wind Load	80 km/h
Temperature	-40°C - +60°C
Protection Grade	IP65
Humidity	0-98%



Disclaimer: All images are for reference purposes only

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Picture



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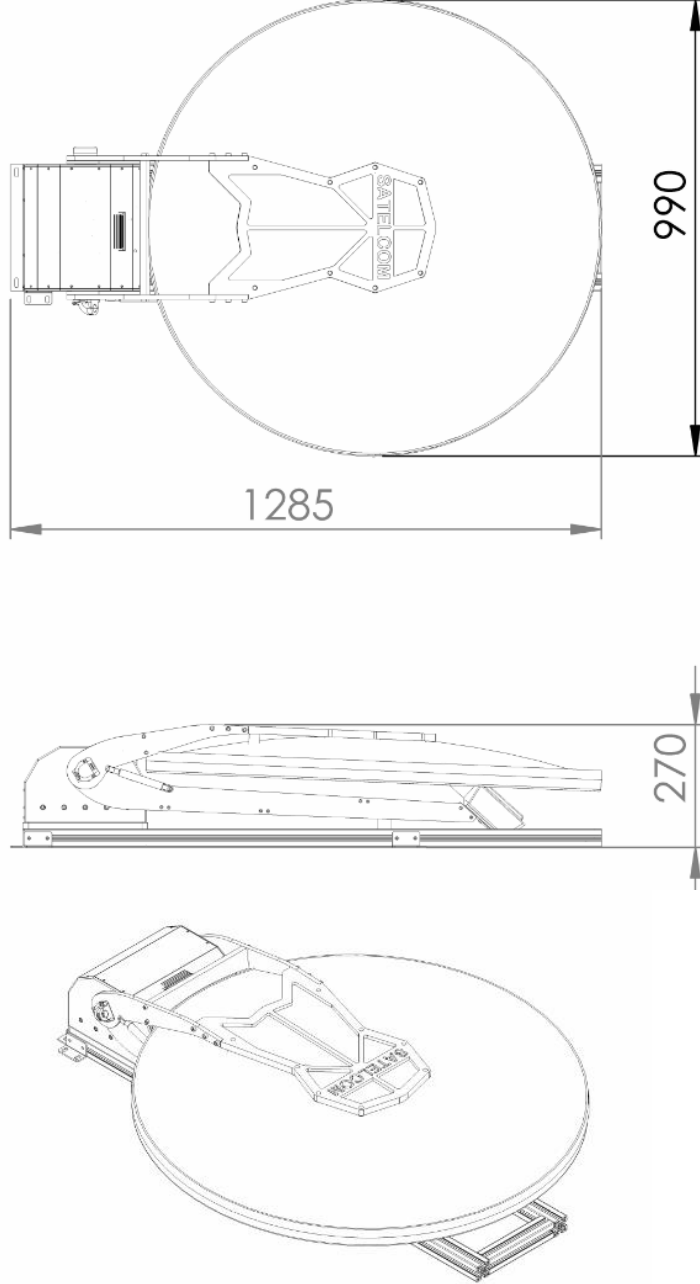


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## Drawing



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