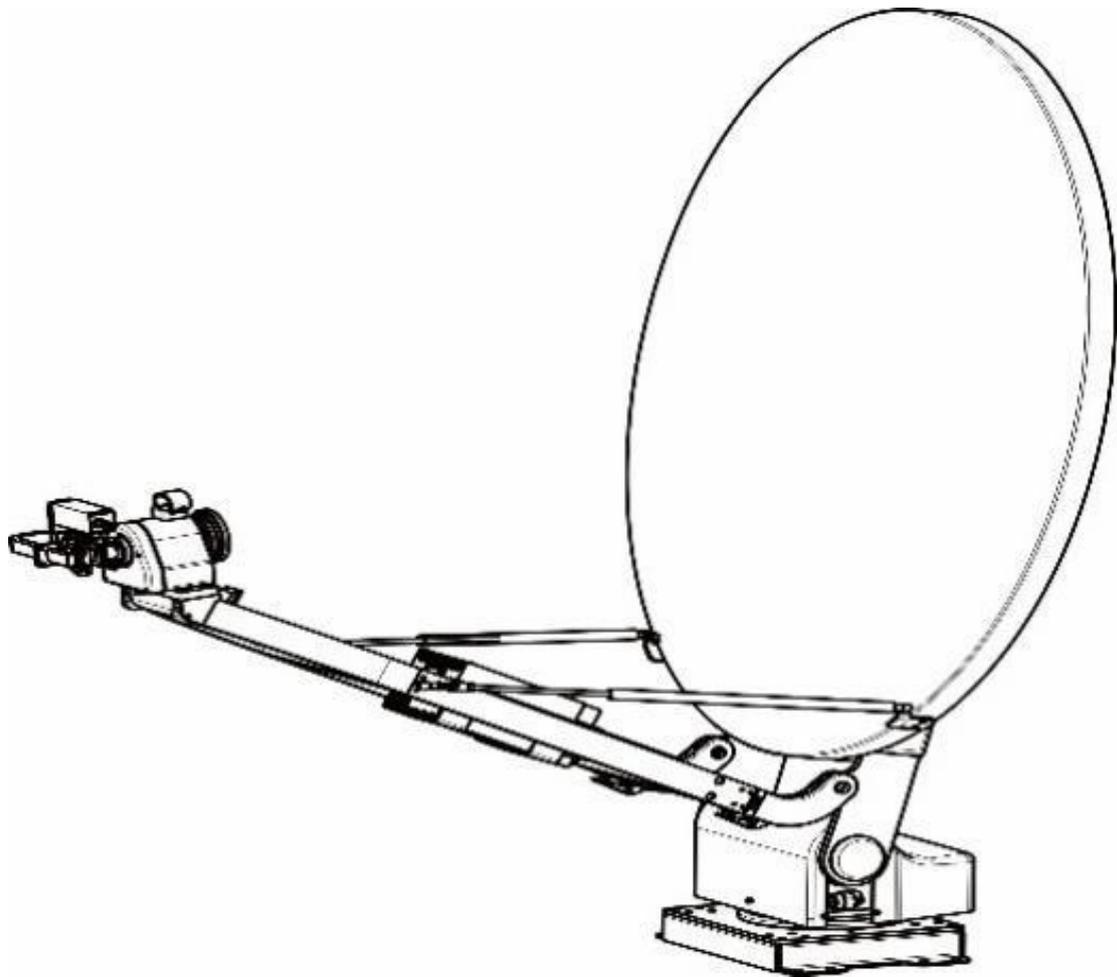


Starwin 1.2m Ku Band Drive Away Antenna Datasheet



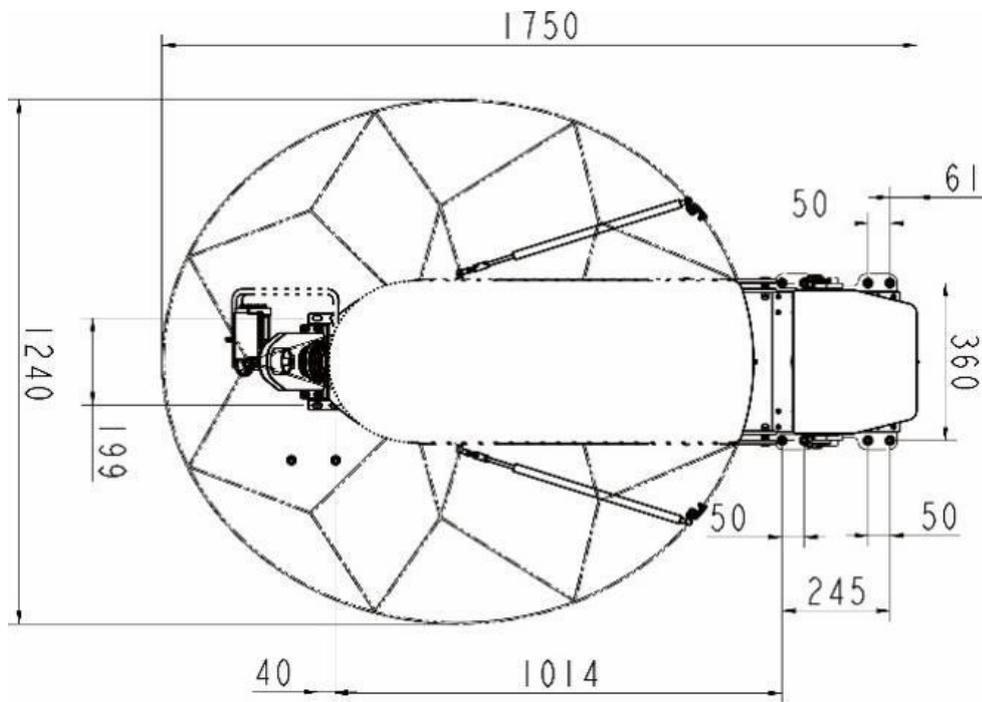
Product Feature

- 1.2m SMC reflector and feed;
- Vehicle-Mount SNG antennas, support C, X, Ku and Ka band;
- One button acquisition satellite;
- Satellite lock in 4 minutes;
- Support DVB-S1, DVB-S2, beacon and modem in satellite locking;
- The products can be used at such industries as broadcast & media, emergency & public safety, oil and gas etc.

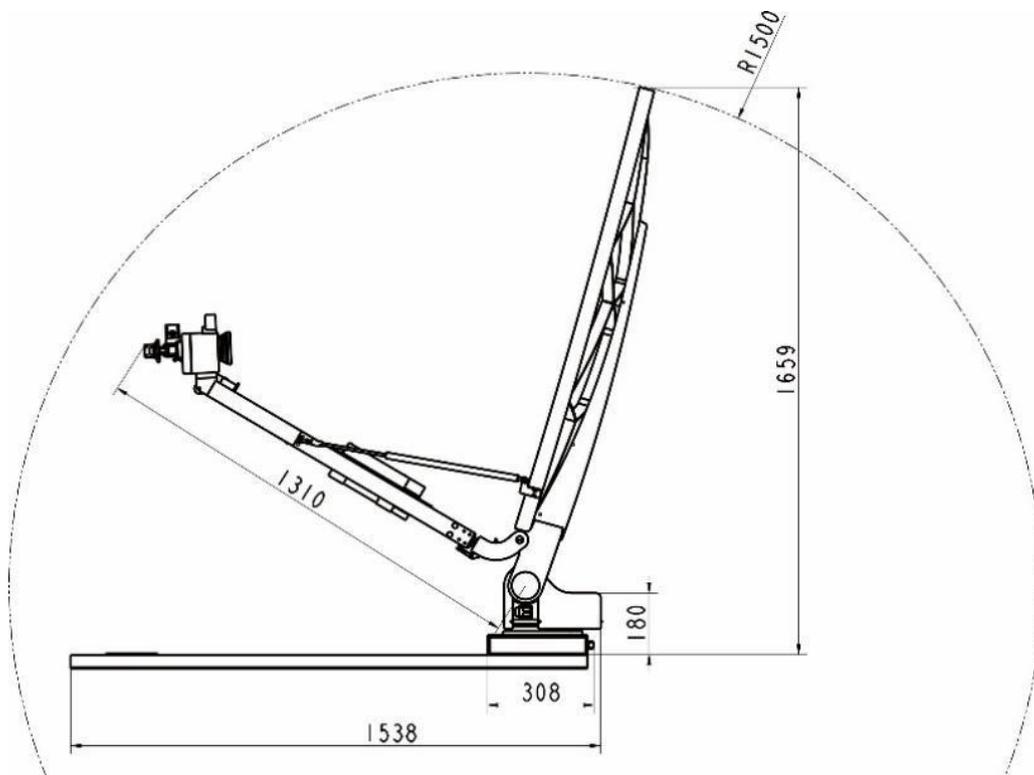
Antenna Specifications

Type	SW1200S-A2	
Reflector Aperture	1.2m	
Reflector Type	Offset	
Tx Frequency	13.75 ~ 14.5 GHz	
Rx Frequency	10.7 ~ 12.75 GHz	
Tx Gain	43.0+20lg(f/14.25) dBi	
Rx Gain	41.8+20lg(f/12.5) dBi	
Polarization	Linear	
Cross Polarization Isolation	35 dB (Axial)	
Rx/Tx Isolation	Rx > 40dB; Tx > 85 dB	
Sidelobe	-14 dB (Frist side lobe)	
Weight	70Kg	
Stowed Size	1750mm×1240mm×340mm (L×W×H)	
Slewing	Azimuth	± 220°
	Elevation	10°~90°
	Polarization	± 95°
Rotate Speed	Azimuth	0.01°/S~3°/S
	Elevation	0.01°/S~3°/S
	Polarization	1°/S
Operational wind load	20m/s	
Work wind load	30m/s	
Stowed wind load	45m/s	
Temperature	-40℃ ~ +55℃	
Humidity	5-95%	

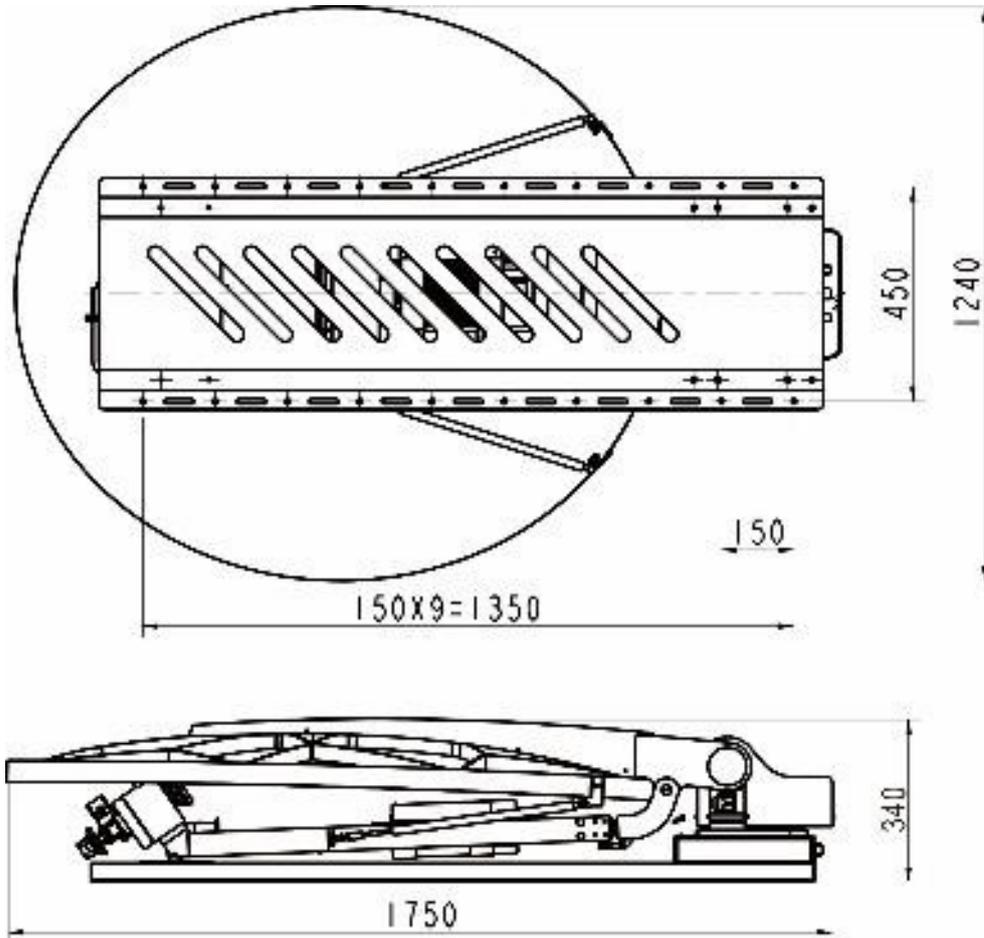
Antenna Dimension Drawing

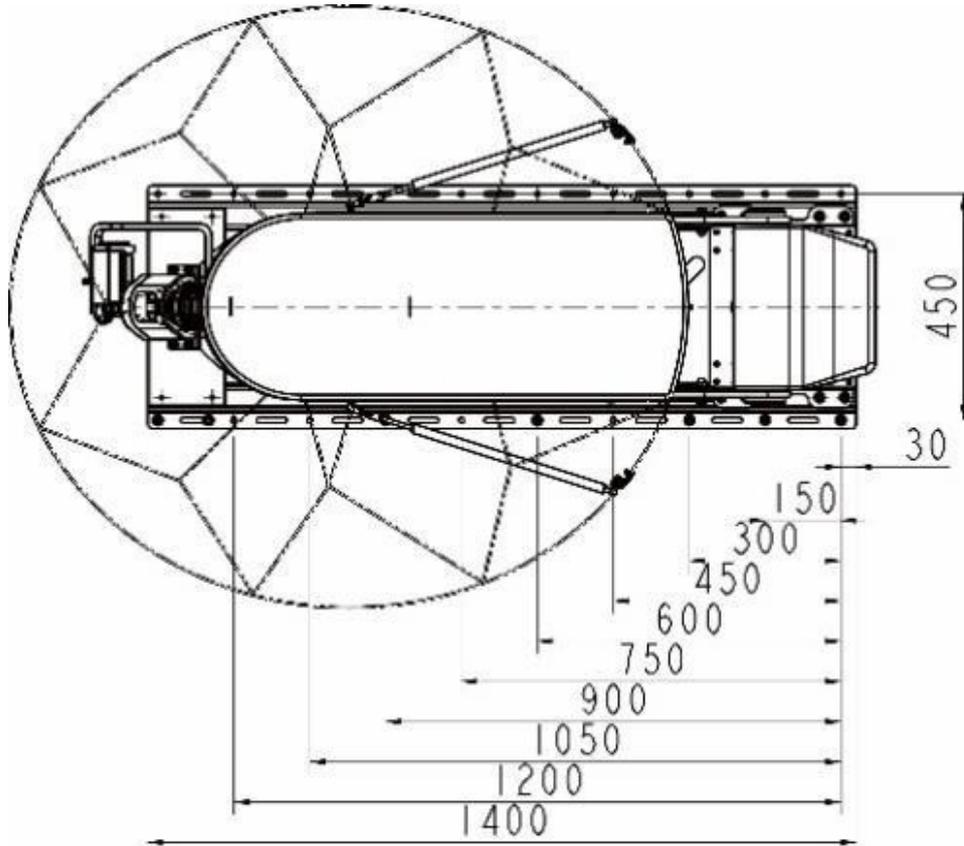


Antenna Elevation Deploy Drawing



Antenna Platform Fixed and Installation Dimensional Drawing





Antenna Structure Chart

