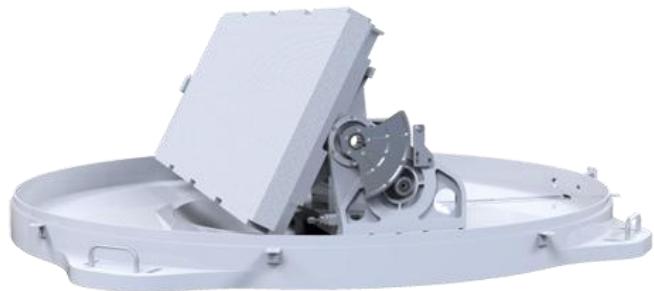


KORSAR-900

Land Mobile Antenna

- Automatically collect and output carrier position and attitude information
- Storage of more than 10 satellite position parameter
- Terminal One-key start, antenna tracking the satellite automatically
- Polarization direction automatically adjust
- Power-down memory and protection
- Device detection and status checking
- Power-on self test and fault alarming



MODEL	KORSAR-900	
Stabilization	2 axis stable and 4 axis tracking	
Antenna Type	Panel waveguide horn array	
Dimension	$\Phi 1375\text{mm} \times 515\text{mm}$	
Equivalent Diameter	900mm	
Weight	90kg	
Frequency Range	RX : 12.25 ~ 12.75GHz TX : 14.00 ~ 14.50GHz	
Gain	RX : 38.2dBi (11.7GHz) TX : 38.8dBi (14.25GHz)	
Polarization	Linear	
Cross Pol Isolation	$\geq 30\text{dB}$	
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : 10° ~ 90°
	Roll: ~	Pol: 360°continuous rotation
Track Mode	INS measurement and signal tracking	
Tracking Accuracy	$\leq 0.2^\circ\text{RMS}$	
Initial Acquisition	$\leq 120\text{s}$	
Re-Acquisition	block time ≤ 10 minutes, acquisition immediately	
	10 minutes < block time ≤ 30 minutes , acquisition $\leq 5\text{s}$	
	block time > 30 minutes , acquisition $\leq 10\text{s}$	
Input Power	AC220V 50Hz , standard power consumption $\leq 280\text{W}$	
Operating Temperature	$-40^\circ\text{C} \sim 65^\circ\text{C}$	