

P900AU

0.9m Ku/Ka Band 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	P900AU Ku-Band	P900AU Ka-Band
Stabilization	2 axis stable and 3 axis tracking(Ku/Ka switch)	
Antenna Type	Ring focus	
Dimension	Φ1350mm×680mm	
Weight	90kg	
Frequency Range	RX : 12.25 ~ 12.75GHz TX : 14.00 ~ 14.50GHz	RX : 19.6 ~ 21.2GHz TX : 29.4 ~ 31.0GHz
Gain	RX : 38.2dBi (12.50GHz) TX : 38.8dBi (14.25GHz)	RX : 42.0dBi (20.4GHz) TX : 45.0dBi (30.2GHz)
Polarization	Linear	Circular
Cross Pol Isolation	≥30dB	Axial ratio < 2.0
Tracking Accuracy	≤0.2°RMS	≤0.15°RMS
Antenna Motion Range	Azimuth : 360°continuous rotation	Elevation : 0° ~ 90°
	Polarization: 0° ~ 270°(Ku)	Roll: ~
Track Mode	INS measurement and signal tracking	
Initial Acquisition	≤120s	
Re-Acquisition	block time ≤10 minutes, acquisition immediately	
	10 minutes < block time ≤30 minutes , acquisition ≤5s	
	block time > 30minutes , acquisition ≤10s	
Input Power	DC24V , standard power consumption 150W	
Operating Temperature	-40°C ~ 65°C	