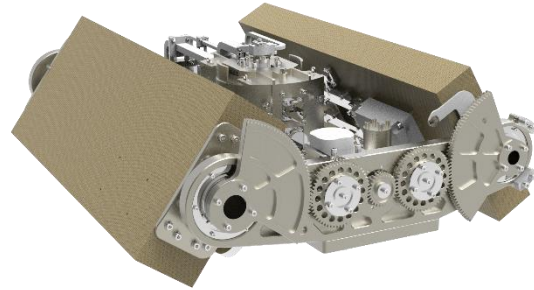


CA450-Ka&Ku

Ka Band Civil Aviation Airborne VSAT

- 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	CA450-Ka&Ku	
	Ku	Ka
Dimension	Φ260mm×820mm×652mm	
Weight	59.5kg	
Polarization	Linear	Circular
Frequency Range	RX : 10.95 ~ 12.75GHz TX : 13.75 ~ 14.50GHz	RX : 18.70 ~ 20.20GHz TX : 29.00 ~ 30.00GHz
Receive G/T	12.7dB/K @ 12.75GHz	13.7 dB/K @ 20.2GHz
Transmit EIRP (dBW)	47.6dBW @14.25GHz	48.8dBW @29.0GHz
Azimuth Range	360°continuous rotation	
Elevation Range	0°~ 90	
Az/EI Velocity: Acceleration	> 60°/s; >200°/s ²	
Tracking Accuracy	≤0.2° R.M.S	
Input Power	DC 28V	
Operating Temperature	-55°C ~ 70°C	
Environmental requirements	RTCA DO-160G	
Design reference standard	ARINC 791-2/RTCA-DO-254/DO-178	