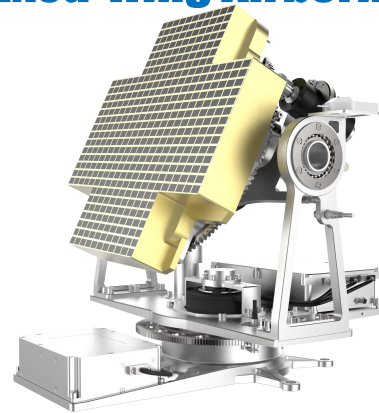


Ku Band Fixed-wing Airborne VSAT

- 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 | GA280 |
|---------------------------------|---|
| Dimension | Φ390mm×360mm |
| Weight | ≤13kg |
| Polarization | Linear VP/HP |
| Frequency Range | RX : 10.7 ~ 12.75GHz TX : 13.75 ~ 14.5GHz |
| Receive G/T (Elevation 10°) | 7.4 dB/K @ 12.5GHz (Normal temperature@ 27°C , LNB noise factor @0.9 dB , Radome excluded) |
| Transmit EIRP (dBW) | 43.1dBW @14.25GHz (40W BUC , Radome excluded) |
| Cross Pol Isolation | ≥30dB |
| RF Input(Tx) | 13.75 ~ 14.5GHz, SMA 50Ω |
| RF Output(Rx) | 950-2150MHz, TNC 50Ω |
| Power Consumption | 90W (Average) 40W BUC excluded |
| Azimuth Range | 360°continuous rotation |
| Elevation Range | 0°~ 90°(80°Performance reach the standard) |
| Az/EI Velocity: Acceleration | > 60°/s; >100°/s ² |
| Tracking Accuracy | ≤0.2° RMS |
| Input Power | DC18 ~ 32V |
| Operating Temperature | -45°C ~ 70°C |
| Altitude | 16800 Meters (55000Feet) |