

- 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                 | T900                                                  |                              |
|-----------------------|-------------------------------------------------------|------------------------------|
| Stabilization         | 2 axis stable and 4 axis tracking                     |                              |
| Antenna Type          | Panel waveguide horn array                            |                              |
| Dimension             | Φ1375mm×515mm                                         |                              |
| 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   | ≥30dB                                                 |                              |
| Antenna Motion Range  | Azimuth : 360°continuous rotation                     | Elevation : 10° ~ 90°        |
|                       | Roll: ~                                               | Pol: 360°continuous rotation |
| Track Mode            | INS measurement and signal tracking                   |                              |
| Tracking Accuracy     | ≤0.2°RMS                                              |                              |
| 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           | AC220V 50Hz , standard power consumption ≤ 280W       |                              |
| Operating Temperature | -40°C ~ 65°C                                          |                              |