

Quick deploy solution for small antenna positioning and inclined orbit tracking in X and Ku-Band.



**SENTINEL is a complete integrated solution from Holkirk and can be configured to suit any application.**

- **1.2M antenna**
- **X and Ku Ka-Band frequency options**
- **De-Icing systems**
- **Lighting protection**
- **No-tools Tripod**
- **Integrated RF and electronics (BUC/LNB/modem)**
- **Light weight construction**
- **Self-commissioning and auto-acquire procedure**
- **Ethernet controlled graphical interface**

With a wide powered movement of 0° to 90° elevation 60° azimuth range, optional solar shield assembly and 110/240VAC input, the SENTINEL will provide reliable worldwide operation.

An array of sensors integrated into the SENTINEL will allow the system to determine its geo-location as well as its perpendicular elevation angle relative to the surface of the earth (not terrain dependant) so installation is very simple with the self-commissioning and auto-acquire process.

Power outage feature – The array of sensors that are incorporated into the SENTINEL will allow the system to be powered off for any amount of time and still be able to SEARCH, LOCATE and TRACK an inclined orbit satellite without the intervention of experience staff.

### Features:

- Non-GEO Inclined orbit tracking
- Integrated Beacon Receiver
- STEP and MEMORY track
- Single button INSTALL
- Integrated satellite database
- 3 axis control (Ku-Band)
- Integrated Inclinator / compass and GPS
- LNB control (13v/18v and 22kHz tone on/off)
- User GUI via controller or Ethernet

### Applications:

Satellite ranging terminal  
Inclined orbit tracking  
Multi-satellite dish positioning



(up to 3.8M options available in VSAT STATION range)