



Antenna Control System

Model 9291S, 9292S, 9293S Antenna Control System is used with antenna for precision satellite tracking and telemetry control applications. The Antenna Control System is the primary control and monitor interface of the system, featuring a friendly “windows” interface and menu-driven configuration.

Features

- Key Stroke Operation
- Target Tracking
- 50 Satellite Positions Preset
- Step-track Capability, Program Tracking and Inclined Orbit Tracking only for model 9293S
- Three Axis Control for Az, El and Polarization
- Antenna Position Setting
Wherever position antenna locates, antenna position can be set by operating panel or computer.
- Multi-speed Inverter Option
- Big Screen Display of alarm, antenna position and fault indication.
- Remote Control
Linked Via RS-232 communication ports on the rear panel of the ACU.
- Secure Operation
Software and hardware travel limit switches ensure the safety operation.

Technical Specifications

- Display Resolution
Model 9292S/9293S 0.01°
Model 9291S 0.1°
- Tracking Accuracy: better than 10% of receive 3dB beamwidth, RMS
- The Number of Preset Satellite: 50
- Encoding Resolution: 14bits (binary)
- Display Range of Angle
Az: 0°~360°
El: 0°~180°
Polarization: 0°~180°
- Environmental
Indoor Temperature 0°~+50°C
Outdoor Temperature -30°~+60°C
Humidity ≤90% (Temperature 20°C)
- Operation Voltage:
ACU: 120/ 220VAC, 50Hz
PDU: 208/380/460VAC, 50Hz