

Antenna Control System

Model 9220S Antenna Control System can be 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 windowing interface and menu-driven configuration.



9220S Antenna Control Unit



9220S Antenna Drive Unit

Features

- Key Stroke Operation
- Target Tracking
- 50 Satellite Positions Preset
- Steptrack
- Three Axes Control for Az, El and Polarization
- Antenna Position Setting
Wherever position antenna locates, antenna position can be set via 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.

Technique Specifications

- Display Resolution
Model 9220S 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°
- Environmental
Indoor Temperature 0°~+50°C
Outdoor Temperature -20°~+60°C
Humidity ≤90% (Temperature 20°C)
- Operation Voltage
ACU: 120/ 220VAC, 47-63Hz
PDU: 380 VAC, 47-63Hz