16-Bit Resolver Position Sensors
0.005 deg resolution, 3.5 minute accuracy
Optional potentiometer for polarization position sense.

Open-Collector Drive Cabinet Interface
Simple and easy to maintain

Direct DC Drive Option
Interfaces direct to 24V DC motors, 10 amp max

Non-volatile Memory
Stores 20 to 100 satellites in non-volatile memory, 10 of which can be inclined orbit

Optional Inclined Orbit Step-Tracking
Via step track / memory track tables

Optional Support for NORAD TLE
NORAD Two Line Element tracking for inclined orbit satellites

Multi-Band Operation
Supports C, Ku, L, Ka and X-band satellites

RS-422 or RS-232 Monitor & Control Interface
Remote control from many popular PC software packages

Optional Ethernet Interface
Support browser based Remote Front Panel & UDP encapsulation of serial M&C commands

Optional Optical Interface
Support for Single-Mode Fiber Communication, requires the Ethernet Interface option

Optional DISA compliant Beacon Receiver
A low threshold of 43dBHz, fast re-acquisition of less than 1s and high linearity, manufactured by Novella Satcoms Ltd.
Supports modulated beacons
Flexibility of the RC4000
The RC4000 architecture consists of stackable cards allowing for flexible and compact ACU packaging that may include:

**2U Rack Enclosure**
- Size: 19.0" x 3.5" x 17" (W x H x D)
- Weight: 12 lbs
- Temperature: 0° to 50°C Operating
- Input Power: 85-265 VAC, 50/60 Hz, 72 Watts
- Display: 4 x 40 Character LCD

**Embedded Enclosure**
Weatherproof enclosure that may be installed directly in an Antenna Interface Unit
- Size: 30" x 36" x 10" (W x H x D)
- Weight: 125 lbs Typical
- Temperature: -20° to +40°C Operating
- Input Power: 208 VAC 3-phase, 50/60 Hz, 20 Amp Service typical