

Antenna Control Unit RACU-1000-q16



RADITEK's RACU-1000-q16 Antenna tracking Control Unit is so versatile that it can even be used for extending the life by of Inclined Orbit satellites by tracking their decaying (programmable for up to 5) orbits. The RACU-1000-q16 works with any L through Ka band antennas, from 0.4 to 10m, for example. Of course, it is fully compatible with any Raditek antenna, as well as easily being made to be compatible with others. It offers the best tracking solution for new installations, as well as for upgrading, older systems. It has remote control drive outputs and limit inputs between the (antenna) outdoor unit and the optically coupled, indoor rack mount RACU-1000-q16. Up to 38 preset satellites can be stored and fast slewing as well as fine positioning speeds.

This controller is designed to allow future expansion as well, such as having extra ports for potentiometer based feed control and RF power measurement circuits, plus TTL compatible Digital inputs, and Form C relay outputs. The RACU-1000-q16 continuously monitors: Motion limits, maintenance Drive error, emergency stops and runaway conditions.

Datasheet:

<http://www.raditek.com/systems/satcom/buc-tr-twta/RBUC-L-Ku-Nf-WR75-ER10M-16-40W-AC-ODU-i13.pdf>

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