## AEC-60D Elevation over Azimuth Positioning System:

Consists of the Two-Axis Positioner AEC-60D, Control Unit (ACU-3D-24-C) and cables required for power and control of the positioner.

Positioner ideally suited for mounting on extendable mast or tripod and provides up to 400° (+/-200°) of motion in the azimuth axis and from -20° to +90° in the elevation axis. Designed for reliable operation in rugged, deployed outdoor environments

The Control Unit can be remotely located to facilitate integration with customers system. Can be controlled Locally using Front Panel controls or Remotely via Serial Interface (RS-232, RS-422 or RS-485) or Ethernet using simple, well defined commands.

## SPECIFICATIONS:

RANGE of MOTION Azimuth: Elevation:	400° (± 200 <sup>°</sup> ) -20 <sup>°</sup> to 90 <sup>°</sup>
DATA TAKEOFF ACCURACY Both Axis:	0.011 <sup>°</sup>
POSITIONING ACCURACY Azimuth: Elevation:	0.1 <sup>°</sup> 0.1 <sup>°</sup>
CONTINUOUS TORQUE Azimuth: Elevation:	125 ft lbs 125 ft lbs
VELOCITY: Azimuth: Elevation:	0.5 - 40 deg/sec 0.5 - 40 deg/sec
ACCELERATION: Azimuth: Elevation	25 deg/sec² 25 deg/sec²
POWER INPUT: Controller	120VAC/60Hz or 220VAC/50Hz
Current (depends on load)	5-10A
WEIGHT: Positioner: Controller:	125 lbs (57kg) 25 lbs. (11.5kg)
POSITIONER: Operational Temperature:	0° to 122°F (-18 <sup>°</sup> to 50°C)
Relative Humidity:	0 to 100%



AEC-60D El/Az Positioner



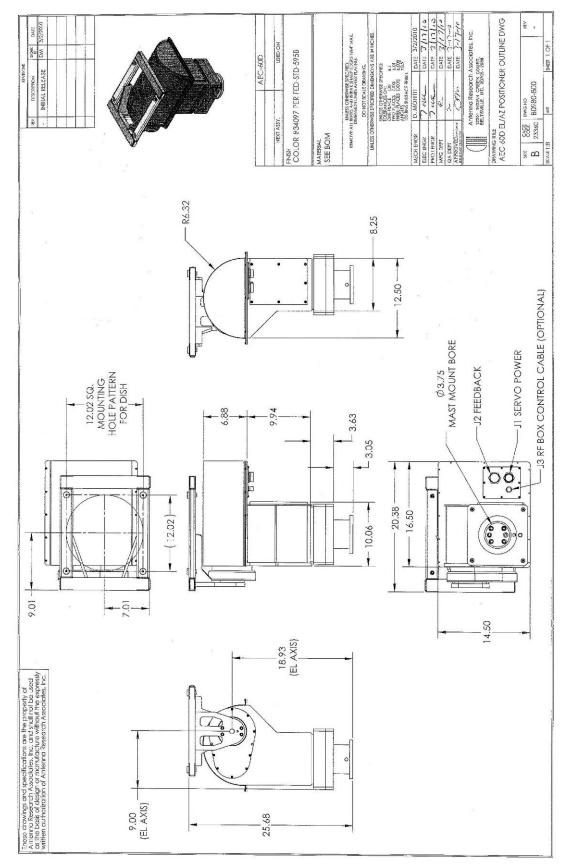
ACU-3D-24-C Controller



**Typical Installation** 

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SatelliteDish.com 954-941-8883