

AEC-60C Elevation over Azimuth Positioning System:

Consists of the Two-Axis Positioner, Control Unit (ACU-3C-32), Power Supply (PS42V20A-3C) and cables required for power and control of the positioner.

Positioner ideally suited for mounting on extendable mast and provides up to +/-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 and Power Supply 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) using simple, well defined commands.



Positioner, AEC-60

SPECIFICATIONS:

RANGE of MOTION

Azimuth:	± 200°
Elevation:	- 20° to 90°

POSITIONING ACCURACY

Azimuth:	±0.1°
Elevation:	±0.1°

CONTINUOUS TORQUE

Azimuth:	2000 in lbs
Elevation:	2000 in lbs

VELOCITY:

Azimuth:	1 - 40 deg/sec
Elevation:	1 - 40 deg/sec

ACCELERATION:

Azimuth:	1 - 20 deg/sec ²
Elevation:	1 - 20 deg/sec ²

POWER INPUT:

Positioner	42VDC
Controller	120/220,50/60Hz

WEIGHT:

Positioner:	105 lbs (48kg)
Controller:	12 lbs. (5.5kg)

POSITIONER: Operational

Temperature:	15°-95°F (-10° to 35°C)
Relative Humidity:	0 to 100%



Controller, ACU-3C-32



ACE-60, Typical Installation

OUTLINE DRAWING: ACE-60C Elevation over Azimuth, 2 Axis Positioner

