

# AEC-15A

Portable, Lightweight  
Elevation over Azimuth Positioner

The **AEC-15A** is a self-aligning, portable positioner for line-of-sight or satellite communication links. The positioner can be equipped with up to a 3' solid parabolic dish, 6' flat panel, or 5' mesh antenna. The MIL-STD-810G qualified system comes with a 100' cable (CB-AEC15), power supply (PS-AEC15), positioner (AEC-15) and user interface software. The web-based user interface software uses a built-in GPS and compass to determine location. The automated link acquisition system can align your antenna remotely using the Power-over-Ethernet (PoE) or serial (RS-232). Our lightweight Aluminum construction allows for easy setup in less than 3 minutes by a single user.



## Specifications:

Range of Motion	Azimuth	440° ( $\pm 220^\circ$ )
	Elevation	140° (-10° to +110°)
Positioning Accuracy	Azimuth	0.25°
	Elevation	0.25°
Continuous Torque	Azimuth	16 ft-lbs (50 lbs counterweighted)
	Elevation	16 ft-lbs (50 lbs counterweighted)
Velocity	Azimuth	5.0° / second
	Elevation	2.5° / second
Power	RS-232 or Power Over Ethernet (PoE) 24-48 VDC or 120VAC/240VAC (Power Supply Included)	
Dimensions	15" x 9" x 12" (38.1cm x 22.9cm x 30.5cm) 17.5 lbs (7.9 kg)	
Construction	Aluminum, Hard-Coat Anodized	
Environmental	Wind, Sustained	65 mph (104 kph)*
	Wind, Gusting	80 mph (128 kph)*
	Wind, Survival	100 mph (161 kph)*
	Temperature, Operational	-22° to 140°F (-30° to 60°C)

# AEC-15A

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Temperature, Survival -40° to 158°F (-40° to 70°C)  
IP67 Certified

\*using a 3' solid parabolic dish