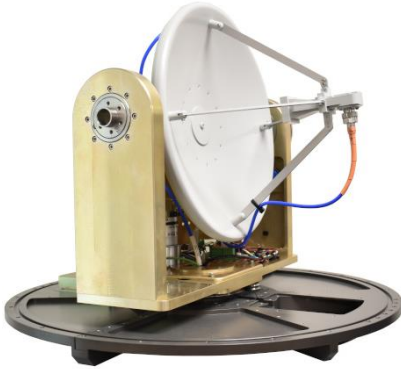


LA-360MPS-10-SL340

Radome Enclosed Antenna Positioner for QPAR 340mm reflector



Shown without Radome

The LinkAlign-360MPS-10-SL340 radome enclosed positioner is designed to be integrated with any QPAR SL 340mm reflector with various options of RF frequency ranges (not included). Configurations available from 6.5-40 GHz with single linear polarized feeds can be mounted in a vertical, horizontal, or slant 45 configuration.

The embedded antenna controller has a built in GPS, digital compass, and user activated IMU for pitch/roll/yaw stabilization.

The web based user interface provides configuration, monitor, and control of the antenna positioner and offers NORAD two line element program tracking, list tracking and GEO pointing with user defined scanning and peaking tools. In addition Nextmove has a command line interface for customers that want to add our solution into a larger system.

The LinkAlign-360MPS-10-SL340 offers 360° of azimuth travel and -10° to +90° of elevation range. Continuous azimuth range of motion is available utilizing a slip ring and RF rotary joint. Optional GPS heading unit and pole mount adapters are available upon request. Download the Interface Control Drawing (ICDN901053) for more details.

TECHNICAL SPECIFICATIONS - LinkAlign-360MPS-10-SL340

Power	50-57Vdc, 4 Pair PoE, Passive (Indoor Rated 50Vdc Supply Included)
External Material / Finish	Aluminum with stainless steel hardware / Hard coat anodize
Positioner Travel	
Azimuth	440° (+/-220°)
Elevation	100° (- 10° to +90°)
Positioner Drive Rate	
Azimuth	Variable, up to 25°/sec no load
Elevation	Variable, up to 25°/sec no load
Temperature	
Operational	-22 to 140°F (-30 to 60°C) or -40 to 140°F (-40 to 60°C) with Extended Temperature Option
Survival	-40 to 158°F (-40 to 70°C)
Feedback Resolution	0.01°
Mounting Interface	See ICD for optional pole mount adapters (2", 2.5", 3", 3.5", 4" & 4.5")
Weight	58 lbs (26 kg) without antenna
Dimensions with Radome	Height: 24.6" (62.5 cm), Diameter: 24.5" (62.2 cm)
Maximum Swept Volume	Internal Diameter: 21" (53 cm)
Antenna Interface	Interfaces with any QPAR SL 340mm antenna (Not Included)
Stabilization	Pitch/Roll/Yaw (User Activated)
Communication Interface	
User Interfaces	Web based hosted internal to unit or Nextmove proprietary command protocol
Standard RF Cable	(1) DC-18 GHz N Type RF, 63" (160cm) (Avg Pwr Handling 744W@ 1GHz, 177W@18GHz)
Other	SNMP radio Interfaces for Acquisition and Peaking

Specifications subject to change without notice