

AutoPoint Alignment System



HXI's 2nd Generation AutoPoint System, designed exclusively for HXI Radios, provides mmWave radio path alignment from any remote location. It is the perfect solution to align and maintain high bandwidth directional antennas for many communication applications.

AutoPoint is a complete hardware and software solution. It can be used to acquire initial alignment, and more importantly, can be used to re-align your link as required. The Web based user access makes it easy to optimize link performance regardless of the time of day, season, or current weather conditions.

FEATURES & BENEFITS

- Web based user interface for remote access
- Automated pan and tilt positioner (0.01° Resolution)
- Integrated GPS and digital compass for auto acquisition
- Power over Ethernet (PoE)
- Maintenance free anodized aluminum

TECHNICAL SPECIFICATIONS

Power	Power Over Ethernet (PoE) 48 VDC Supply Included
Material/Finish	Aluminum with stainless steel hardware / Hard coat anodize
Travel Limits	
Azimuth / Elevation	60° (+/- 30°) / 60° (+/-30°)
Drive Rate	
Azimuth / Elevation	Variable, up to 0.4° per sec no load / Variable, up to 0.4° per sec no load
Temperature	
Operational / Survival	-22 to 140°F (-30 to 60°C) / -40 to 158°F (-40 to 70°C)
AZ/El Resolution	0.01°
AZ/EL Backlash	Less than 0.1°
Wind	
Operational / Survival	65 mph gusting to 80 mph / 100 mph
Dimensions (H * W * D)	11.81" * 10.25" * 10.79"
Weight	40 lbs
Mounting Interface	Clamps to 3.0" to 4.5" diameter mast
Communication Interface	
User Interfaces	Web based hosted internal to unit, Pelco D, or Nextmove proprietary command protocol
Ethernet	10/100 Ethernet
Serial	RS-485