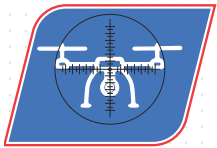




RADIO COMMUNICATION



ELECTRO-OPTIC



C-UAS

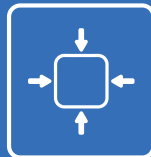


PEL's **Arjun Series** of Dual-Axis positioners provides accurate alignment for Radio Antenna, electro-optic systems, C-UAS systems, etc. A precision machined aluminum alloy enclosure contains a rotating base with an elevation arm and built-in controller. It can be guided manually, semi-automatically or fully automatically. The Pan-Tilt system can be mounted on a portable Tripod, Telescopic Mast or on a fixed structure.

OUR USP's



Designed for MIL STDs



Rugged, Compact and Low Weight Construction



Built-in Controller Provides Smooth and Precise Motion at all Speeds



Auto Tracking via Special Control Algorithms



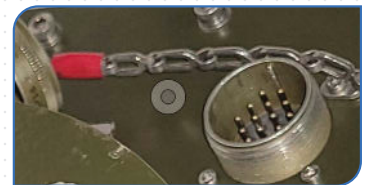
High Degree of Customizations Available

Sailent Features

- Supports fixed and deployable (On-the-Quick-Halt) use cases
- High performance and compact design
- Control via RS232/422 or Ethernet
- Pan: +/- 180° or 360° via slip ring
- Tilt: up to +/- 90°
- Easy to integrate with external C2 systems
- GNSS Integration (Optional)



Tilting Arrangement



Power & Data Connector

5+ Types of Dual Axis Positioner Developed

10+ Years of Experience

100+ Production Capacity per Month

AS 9100D:2016 Quality Certified
ISO 9001:2015 Manufacturing



TECHNICAL SPECIFICATIONS

DUAL AXIS POSITIONERS (PEDESTALS)

Model No.	Payload (Kg)	Unit Wt (Kg)	Dimensions (mm)	Power Consumption	Rotational Range	Tilt Range	Positional Accuracy	Speed (RPM)	Control Data Interface	Wind Area (m ²)
PDAP-5	5	~ 6	245 x 220 x 144 (W x H x D)	24V DC 30 W Nominal	"Sector scan $\pm 180^\circ$ Continuous 360° (optional)"	(-90) to (+35)	0.1°	Azimuth: 1 to 20 Elevation 1 to 10	RS422 (Ethernet-Optional)	0.2
PDAP-25	25	~ 16	335 x 266 x 370 (W x H x D)	18-36V DC 80W Nominal	Sector scan $\pm 180^\circ$	$\pm 20^\circ$	0.1°	Azimuth: 1 to 20 Elevation 1 to 10	RS422 (Ethernet-Optional)	0.4
PDAP-50	50	~ 26	435 x 312 x 390 (W x H x D)	24V DC 200 W Nominal	"Sector scan $\pm 180^\circ$ Continuous 360° (optional)"	$\pm 20^\circ$	0.1°	Azimuth: 1 to 30 Elevation 1 to 15	RS422 (Ethernet-Optional)	0.5

CARRYING CASES: SOFT/HARD



Roto Mould/ FRP



Plastic Injection Moulding

PAYLOAD ADAPTER (OPTIONAL)



Dual Mounting



CG Offset



Adapter

