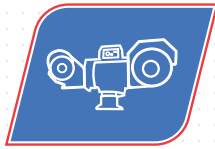
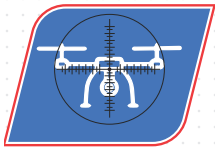




RADIO COMMUNICATION



ELECTRO-OPTIC



C-UAS

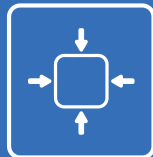


PEL's **Eklavya Series** of Single-axis positioners are specifically engineered to achieve precise azimuth positioning. They provide the option for continuous rotation (360 degrees) or +/- 180 degrees, catering to various payloads such as radio antennas, electro-optic systems, C-UAS systems, etc. The Rotator 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



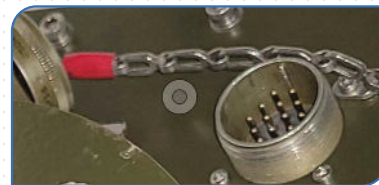
High Accuracy, High Speed (up to 180 deg/sec)



Continuous Rotation via Slip Ring

Sailent Features

- Supports fixed and deployable (On-the-Quick-Halt) use cases
- Compact, Light-weight and MIL-STD design
- Continuous Azimuth movement via slip ring
- Capable of Sector scan and tracking
- High torque to self-weight ratio
- Easy to integrate with external C2 systems
- Control via RS232/422 or Ethernet



Power & Data Connector

3+ Types of Single Axis Positioner Developed

10+ Years of Experience

100+ Production Capacity per Month

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



TECHNICAL SPECIFICATIONS

SINGLE AXIS POSITIONERS (PEDESTALS)

Model No.	Payload (kg)	Unit Wt (kg)	Dimensions (mm)	Power Consumption	Rotational Range	Positional Accuracy	Rotational speed (RPM)	Control Data Interface	Wind Area (m ²)
PSAP-5	5	~ 5	180 x 144 x 220 (LXWXH)	24V DC 30 W Nominal	Continuous 360° Sector scan ± 180°	0.1°	1 to 20 RPM	RS422 (Ethernet Optional)	0.2
PSAP-30	35	~ 14	377 x 310 x 300 (LXWXH)	18-36V DC 80W Nominal	Continuous 360° Sector scan ± 180°	0.1°	1 to 20 RPM	RS422 (Ethernet Optional)	0.3
PSAP-50	60	~ 14	245 Dia x 235 Height	18-36V DC 200 W Nominal	Continuous 360° Sector scan ± 180°	0.1° (0.05° Optional)	1 to 30 RPM	RS422 and Ethernet	0.8
PSAP-100	125	~ 22	360 Dia x 265 Height	18-36V DC 350 W Nominal	"Continuous 360° Sector scan ± 180°"	0.1° (0.05° Optional)	1 to 30 RPM	RS422 and Ethernet	0.8

CARRYING CASES: SOFT/HARD



Roto Mould/ FRP

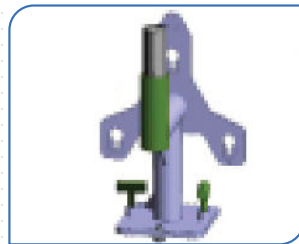


Plastic Injection Moulding

PAYLOAD ADAPTER (OPTIONAL)



Dual Mounting



CG Offset



Adapter

