



SYSTEM CONTROLS

Versatility is Reality

System Controls Technology Solutions Pvt Ltd

RUGGED 2 AXIS PEDESTAL (IGLA) SC -SYS-1076-A-000-001

Products:

- Stabilized Platforms
- Gimbals
- Positioners
- Pointing Systems
- Pan Tilt Units
- Radar Subsystems
- Electro-Optical Systems
- Opto-Mechanical Systems
- Motion Controls Systems
- Test Benches

Services:

- Engineering Design & Development
- Electronic Testing & Assembly
- CNC Machining & Manufacturing
- System Integration



Rugged 2 Axis Pedestal is a MIL qualified T-bar type Pedestal intended for mounting on a Tank under Shilka Update programme. The Pedestal has been designed to cater to harsh environmental and functional requirements of a Subsystem which is to be mounted on a tracked vehicle, especially catering to shocks and vibrations of a Tracked Vehicle. The Pedestal supports the IGLA missile. With the usage of digital servo amplifiers, the pedestal positions the payload precisely towards its target. The Pedestal has an azimuth angular rate of 90°/sec and accuracy of 0.1°. The elevation rate and accuracy being 30°/sec and 0.1°.



Technical Specifications

Azimuth Movement	: ±180 deg
Azimuth Angular Rate	: 90 deg / sec
Azimuth Angular Accuracy	: 0.1 deg
Elevation Movement	: 120 deg
Elevation Angular Rate	: 30 deg / sec
Elevation Angular Accuracy	: 0.1 deg
Payload Weight	: 60 kg
Pedestal Weight	: 40 kg
Supply Voltage	: 48 V DC
Power Consumption	: 750 W
*Optional Item	: Stabilization

