



# TWO AXIS SURVEILLANCE PEDESTAL(TASP)

## SERVICES

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

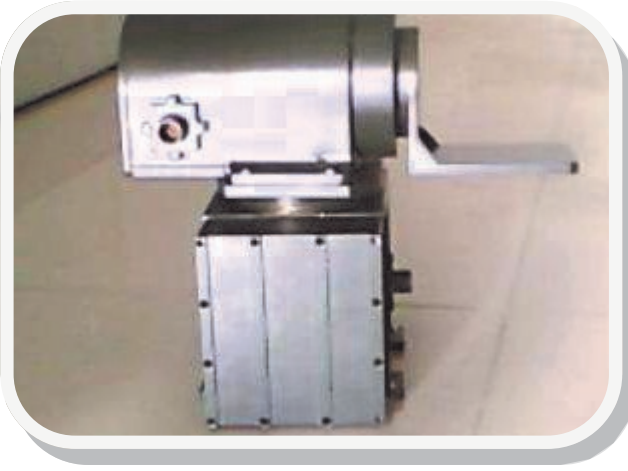


## PRODUCTS

- \* Electro-Optic Stabilized Platforms
- \* Radar Sub Systems
- \* Laser Applications
- \* Gimbals
- \* Pedestals
- \* Motion Control Systems
- \* Test Benches

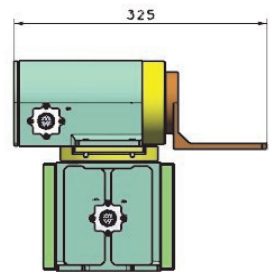
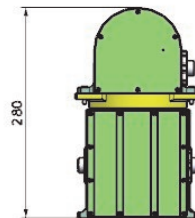
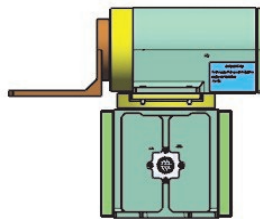
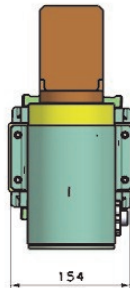
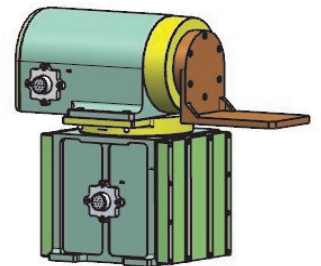
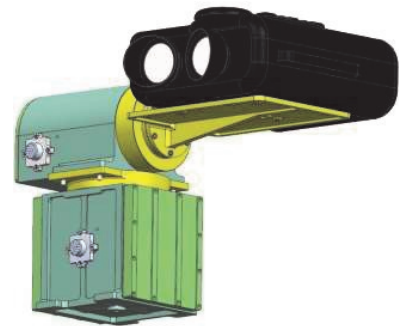


Versatility is Reality



## Application Areas

- Electro-Optic Surveillance
- Stabilized Platforms
- Tracking Systems



# SYSTEM CONTROLS

TECHNOLOGY SOLUTIONS PRIVATE LIMITED



# Technical Specifications

Model No: SC-121633-522-622-D15133

## Azimuth Drive Specification

Rotation	:	N* 360° Continuous
Rotation Rate	:	0.5°/Sec - 30°/Sec
Position Range	:	0° to 360°
Position Accuracy	:	0.03° (1 Sigma)
Acceleration	:	60°/Second <sup>2</sup>

## Elevation Drive Specification

Rotation	:	+20° to -60°
Rotation Rate	:	0.5°/Sec - 30°/Sec
Position Accuracy	:	0.05° (1 Sigma)
Acceleration	:	60°/Second <sup>2</sup>

## Pedestal Specification

Payload	:	Max 5Kgs
Over all weight of Unit	:	7.0 Kg

## Features

Slip Rings	:	With 7 Signals And 2 Video Lines for Camera
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## Environmental Specification

Operating Temperature	:	-20°C to +60°C
Storage Temperature	:	-30°C to +70°C
Humidity	:	95%RH
EMI	:	MIL STD 461E
Environmental Condition	:	L3 Class JSS 55555

## Electrical Specification

Power Supply	:	28V DC Battery
Power Supply Standard	:	MIL STD 1275D
Total Power Consumption	:	<50 watt at nominal condition

## Host Interface

RS 422 (Baud Rate: 19200 bits/sec)

119, 3rd Main  
East of NGEF Layout  
Kasturi Nagar  
Bengaluru 560 043

Phone:  
+91 80 408 20 400

Fax:  
+91 80 408 20 426

Email:  
sales@system-controls.com  
projects@system-controls.com

[www.system-controls.com](http://www.system-controls.com)