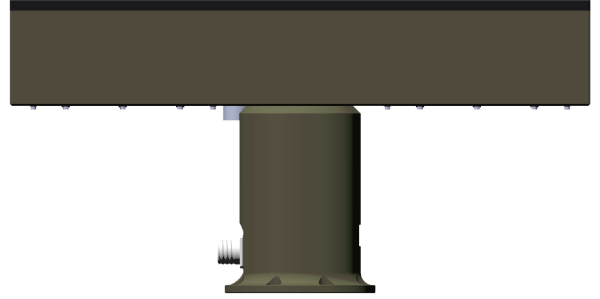


# POS Series Osiris

## Gyrostabilized 1-Axis Pan & Tilt

POS-Osiris is a single-axis platform designed to carry RF flat panels on-the-move and in harsh environments.

Used for both surveillance and communication applications, Osiris ensures panoramic reconnaissance capability by providing quick rotation and fixed positioning of AESA RADAR antennas. Mast-mounted or embarked on mobile platforms, Osiris compensates slow motions to ensure panoramic reconnaissance.



### FEATURES

- High acceleration
- Rugged design
- Gyrostabilization

### BENEFITS

- Fast 360 ° coverage with multiple acquiring positions
- Lightweight
- Compensation of platforms slow movements
- Cost-effective solution
- Zero intrusion into cabin space ("all inside design")
- Harsh environments
- Free of License – No ITAR components

### APPLICATIONS

- Land and maritime
- Situational awareness and security
- Coastal and borders surveillance

## TECHNICAL SPECIFICATIONS

### Key performance

System	One-axis pan platform (azimuth)
Excursion range	Pan: Unlimited (slip-ring)
Rate	0,01 - 180 °/s
Rate resolution	0,001 °/s
Acceleration	< 200 °/s <sup>2</sup>
Position resolution	0,0001 °
Position accuracy	Pan : 0,05 °
Brakes	Azimuth motors with brakes
Communication	RS422

### Payload physical and electrical interfaces

Maximum payload	30 kg (ground fixed or on the move with balanced payload)
Payload connection	D38999 connectors
Power input	20-33 VDC
Communication for payload	RS422

### Turret physical and electrical characteristics

Turret weight and dimensions	22 kg , 290 mm (height) x 220 mm (width) x 550 mm (length)
Payload connection	D38999 connectors
Power input	20-33 VDC
Power consumption	<25 W servo on, no movement <70 W peak at 20 °C (increases between [-40 °C;-10 °C])

### Environmental conditions

Compliant with MIL-STD-810, MIL-STD-416

Operating temperature (storage)	-32 °C to +71 °C (-40 °C to +80 °C)
Shocks	10 g, 11 ms
Degrees of protection	IP65

### Options

Customized slip-ring, color, mechanical interface, maritime version (IP67)