

JAGUAR

Pan & Tilt System

JAGUAR is a heavy-duty unit, capable of supporting payloads up to 75 Kg without losing precision and designed to be a true REAL-TIME long range observation system.

Built-in control electronics and software provides a precise, smooth motion at all speeds, while an integrated slipring allows a continuous rotation of the azimuth axis.



PAYLOAD
~75 kg



POSITION ACCURACY
 $\pm 0.01^\circ - \pm 0.0045^\circ$



SPEED
0.01 - 200 °/Sec



DIMENSIONS L x W x H
813 x 272 x 820

| General specification

Shape	U - Shape
Dimensions L x W x H	813 x 272 x 820
Azimuth	Nx360 °
Elevation	Up to 360 °
Self-Weight	~38 kg
Operation Temperature (deg)	-20° - +65° / optional -40° - +85°
Control mode	Speed / Position
Communication	Ethernet TCP / RS232 / RS422
Environmental protection	IP65
Max Payload (balanced)	~75 kg
Max Acceleration	200 °/Sec ²
Speed (balanced)	0.001 - 200 °/Sec
Position Accuracy	±0.01° - ±0.0045°
Encoder	Absolute 18 bit
Gear Backlash	3arc/ sec
Sliping	30 wires
Power Consumption	24-48V / 2 to 15 amp
Bandwidth	Up to 100 Hz

| MICD

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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

Power & data connectors

<p>precise tracking in its best</p>	MATERIAL:		
	DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED		break sharp edges 0.2x45°
TOLERANCES		Finish:	
LINEAR DIM.	±0.3	Title: JAGUAR ASSY.	QTY. 1
ANGULAR DIM.	±0.5°		
BORE	±0.1		
DESIGN: Genyadi 05.04.2024			
DRAWN: Genyadi 05.04.2024			
CHECK: Spivy 05.04.2024			
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