

LION

Two AXIS Gimbal System

LION is a cutting-edge Gimbal that can be mounted on any type of vehicle or ground platforms.



PAYLOAD

UP to 100 kg



POSITION ACCURACY

±0.001°



SPEED

0.01 – 360 °/s



OPERATIONAL TEMPERATURE

-40 °C ~ +55 °C

Main Pedestal

Dimensions	100 x 75 x 55 cm
Rotation Diameter	1.3 m
Pan / Tilt Range	Pan: Nx360° ; Tilt: -90° – +180°
Speed	0.01 – 360 °/s
Unit weight	50 kg
Input Voltage	28 – 48 VDC
Type	U-Shape
Payload Type	Antenna / Camera / Radar / Satellite
Control mode	Speed / Position
Communication	Ethernet TCP / RS232 / RS422 / RS485
Environmental protection	IP65, Humidity, Temperatures & more...
Max Payload (balanced)	Up to 100 kg
Max Acceleration	150 °/Sec ²
Position Accuracy	±0.001°
Position Sensor Encoder	Absolute / Incremental
Resolution	18 – 26 bit

Optional: Secondary Gimbal on side

A. GIMBAL ON TILT SIDE

Tilt Range	-90° – +180°
Speed	0.01 – 360 °/s
Max Payload (balanced)	Up to 50 kg

B. GIMBAL WITH PAN / TILT ON SIDE

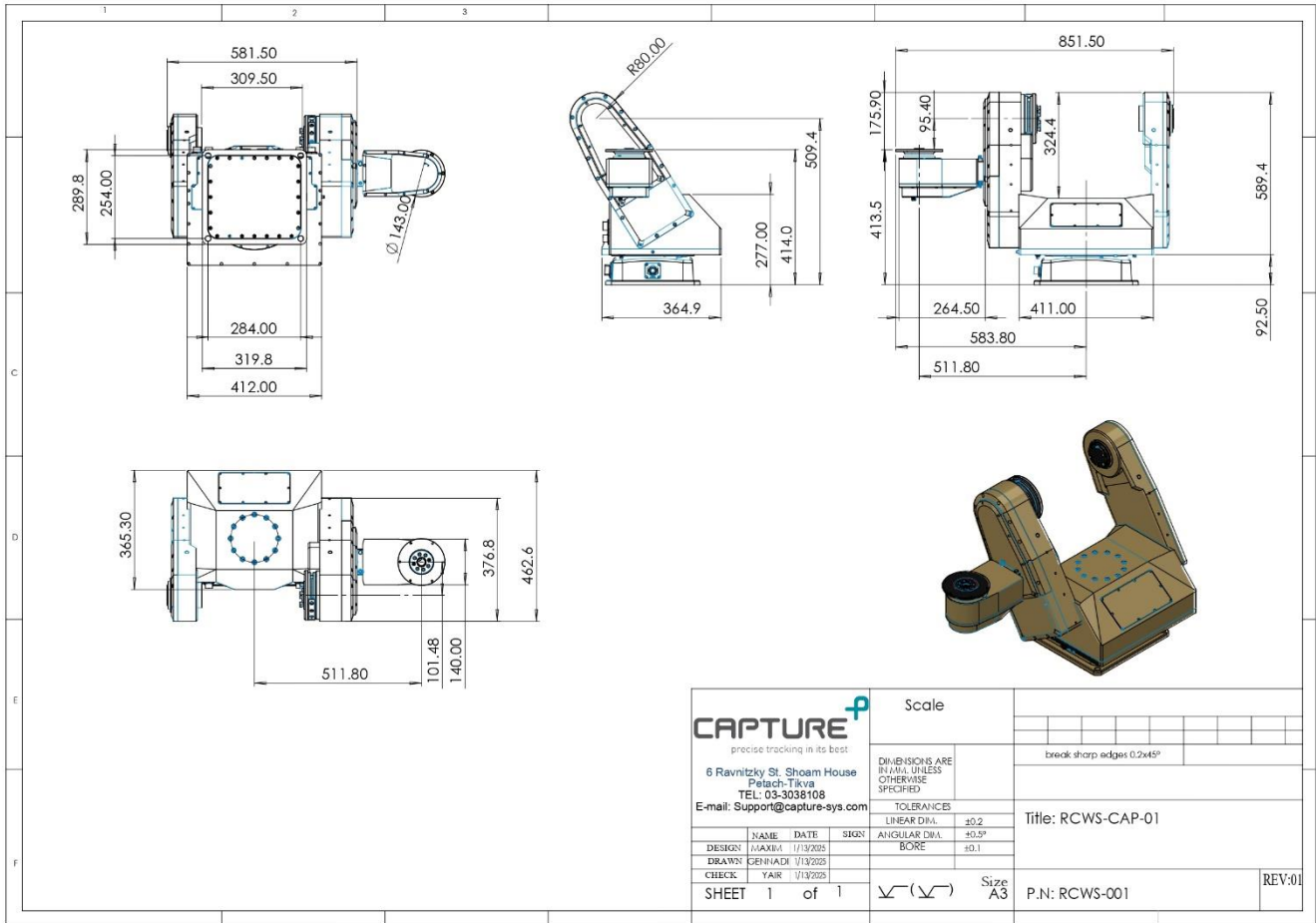
Pan / Tilt Range	Pan: Nx360° ; Tilt: -90° – +180°
Speed	0.01 – 360 °/s
Max Payload (balanced)	UP to 35 kg



Contact us at:

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MICD



Pictures are for illustration purposes only.



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