

C-40T

3-Axis Gimbal



Characteristics

- Adopts a 3-axis nonorthogonal mechanical stabilization structure and is able to carry a payload equipment at a maximum weight of 40g.
- Thanks to the high-torque motors with IMU temperature control and carrier AHRS fusion, the C-40T provides a stabilization accuracy at $\pm 0.05^\circ$.
- With the Headtracker, the C-40T provides an immersive high-quality first-person control experience.
- Supports Headtracker, UART (private protocol & MAVLink), S.BUS, CRSF and PWM control.
- Can be mounted onto multiple carriers, whether downward or upward.
- 7.4~26.4 VDC wide voltage input.

Specifications

General	
Product Name	C-40T
Dimensions (with damper)	55.5 x 53 x 66mm
Weight (with damper)	58g
Operating Voltage	7.4~26.4VDC
Power	3W (Static) / 18W (Stall)
Mounting	Downward / Upward
Control Port	Headtracker / UART (private protocol & MAVLink) / S.BUS / CRSF / PWM
Wire-through Aperture	φ4.2mm
Gimbal	
Gimbal Type	3-axis Nonorthogonal Mechanical Stabilization
Angular Accuracy	±0.05°
Controllable Range	Pitch: -110° ~ +145°, Roll: ±45°, Yaw: ±145°
Max Rotation Speed	±1500°/s
Camera Suitability	
Maximum Weight	40g