

C-40D Horizontal 2-Axis Gimbal



Characteristics

- Adopts a 2-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-40D provides a stabilization accuracy at $\pm 0.005^\circ$.
- With the Headtracker, the C-40D 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-40D
Dimensions	60.5 x 35 x 29mm (Without damping)
Weight	34g (Without damping)
Operating Voltage	7.4~26.4VDC
Power	2W (Static) / 12W (Stall)
Mounting	Downward / Upward
Control Port	Headtracker / UART (private protocol & MAVLink) / S.BUS / CRSF / PWM
Wire-through Aperture	φ4.2mm
Gimbal	
Gimbal Type	2-axis Mechanical Stabilization
Angular Accuracy	±0.005°
Controllable Range	Roll: ±45°, Yaw: ±110°
Max Rotation Speed	±1500°/s
Payload	
Maximum Weight	40g