

C-20S

Single-Axis Gimbal



Characteristics

- Compatible with a variety of digital FPV systems such as DJI O4 Pro, DJI O4, DJI O3, Walksnail Avatar, Walksnail Moonlight, and 19mm wide analog cameras or other devices.
- The main body is made of aluminum magnesium alloy, which is extremely compressed in size and weight.
- With a single-axis mechanical stabilization structure and high-torque motors, the C-20S is able to provides an extreme stabilization effect against the vibration and high-speed air impact.
- Multiple stabilization modes are suitable for a variety of platforms such as RC cars, FPV fixed-wing planes and realistic RC planes.
- Supports Headtracker, UART (private protocol & MAVLink), S.BUS, CRSF and PWM control.
- Can be mounted whether downward or upward.
- 7.4~26.4 VDC wide voltage input.

Specifications

General	
Product Name	C-20S
Dimensions (with damper)	41.8 x 57 x 22.5mm
Weight (with damper)	20g
Operating Voltage	7.4~26.4VDC
Power	1.0W (Static) / 5.5W (Stall)
Mounting	Downward / Upward
Control Port	Headtracker / UART (private protocol & MAVLink) / S.BUS / CRSF / PWM
Gimbal	
Gimbal Type	Single-axis Mechanical Stabilization
Angular Accuracy	$\pm 0.05^\circ$
Controllable Range	Pitch: $\pm 120^\circ$
Max Rotation Speed	$\pm 1500^\circ/\text{s}$
Camera Suitability	
Maximum Weight	20g
Maximum Width	19mm