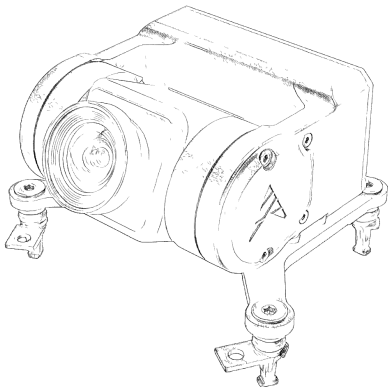


AC-GM1X

User Guide



AC-GM1X Overview



FPV gimbal for 19 mm cameras, providing $\pm 0.005^\circ$ stabilization and $\pm 120^\circ$ pitch travel for FPV and inspection footage.

AC-GM1X Specifications

• Basic Specifications

Camera	19 mm FPV Camera
Stabilization	$\pm 0.005^{\circ}$
Max. Controllable Speed	$\pm 1500^{\circ}/s$
Max. Control Range	Pitch $\pm 120^{\circ}$
Control Mode	PWM / UART
Voltage	7 – 26 V
Power Consumption	1.0 W
Manufacturer	ER Co., Ltd.

AC-GM1X Setup

1. Mounting — Mount so nothing blocks the gimbal's range of motion.
2. Power — Supply 7 – 26 V.
3. Control — Control it from a flight-controller PWM output or UART.
4. Check — Keep the gimbal free at power-on and do not force it by hand while powered.

AC-GM1X Safety Notes

- Do not touch the lens; clean it with a soft cloth.
- Stay within the rated voltage and check polarity.
- Pull connectors by the housing, never by the wires.
- Beware of static discharge; do not operate in wet or dusty conditions.



<Detailed Manual>

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