

This advanced drone gimbal is designed to capture crystal-clear images even from great distances, thanks to its 30X optical zoom starlight camera and 141mm telephoto lens. With rapid focusing capabilities and high-definition thermal imaging, it ensures that every detail is sharp and discernible. The high-precision three-axis stabilization gimbal, coupled with dual-layer physical vibration reduction, provides unparalleled stability, while the 360° rotation feature offers complete aerial coverage. Intelligent recognition tracking and an impressive laser detection range further enhance its surveillance capabilities, making it an indispensable tool for a wide range of applications.



Features

Military-grade Strength

Adopting aviation aluminium alloy and high-strength nylon precision processing, high strength, with good vibration absorption, rain, dust and corrosion resistance. It can adapt to the harsh field working environment.

Excellent Stability

The advanced 3-axis tilt stabilising PTZ works closely with the mounting platform, with a high-speed processor controlling the precise operation of the motors, compensating for every subtle movement, so that the camera maintains a stable shooting angle at all times.

360° Rotation

The superior mechanical design structure achieves 360° dead-angle-free rotation, allowing free access to an uninhibited all-round view.

Wonderful Presentation

The 30x optical zoom Starlight-class telephoto camera with a maximum focal length of up to 141mm and Sony Starvis sensor makes it easy to capture distant details and clearly render faraway views, day or night, and supports real-time target tracking, reconnaissance, surveillance and other tasks with ease.

Technical Specs

Overall Parameters		
Material	Aviation aluminum alloy, Nylon	
Dimensions	121(L)×104(W)×180(H) mm	
Weight	Pod	550g
	Shock Absorption	80g
Input Voltage	4S ~ 12S (14V ~ 60V)	
Working Temperature	-5°C ~ 45°C	
Storage	Micro SD card	
Control Signal	SBus, serial port, CAN, network port	
PTZ Parameters		
Angle Jitter	±0.01°	
Rotation Range	Heading	360°continuous rotation
	Pitch	-130°~60°
Output Interface	GH1.25 interface: 4-core (network port), 5-core (serial port, can), 2-core (SBus) XT30 (power)	
Operating Mode	Orientation lock, course following, one click down, one click to return to center	
Camera Parameters		
Image Sensor	1/2.8 CMOS 2MP	
Video Output	1080P, 25 FPS	
Video Storage	1080P, 25 FPS	
Focal Length	4.7 ~ 141mm	
Zoom	30x optical zoom	
Focus Speed	<1S	

Ordering Information

Model No.	Description
VS-UAP2030	30x 2MP HD resolution Visible Gimbal



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