

## SG-UAV8030N

- 8Megapixel 30x Zoom Drone Camera with Gimbal



### 1. Features

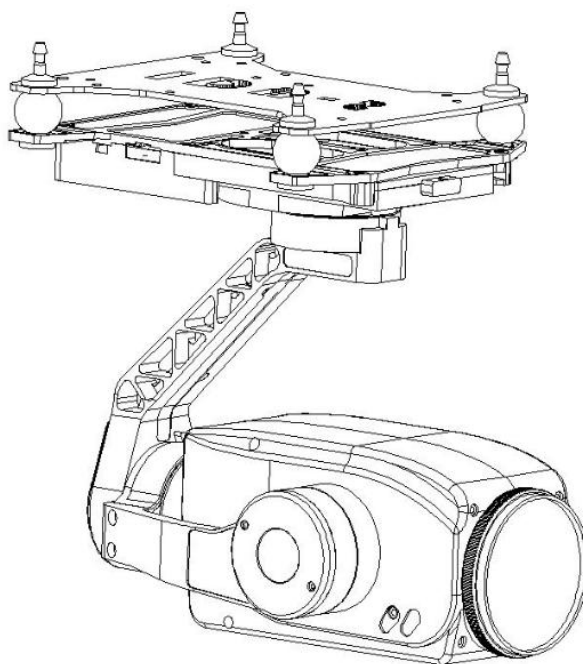
- > 1/1.7" 12Megapixel COMS Sensor.
- > Powerful 30x optical zoom (6mm~180mm), 4x Digital Zoom.
- > Max. 12Mp(4000x3000) Resolution
- > Support various IVS functions
- > Support Defog, Electronic Image Stabilization
- > 3-Axis stabilized Pan-Tilt, High precision: 0.008°
- > Support GPS info Overlay.
- > Support smart Auto-Tracking
- > Quick Assembly and Disassembly, Open SDK.

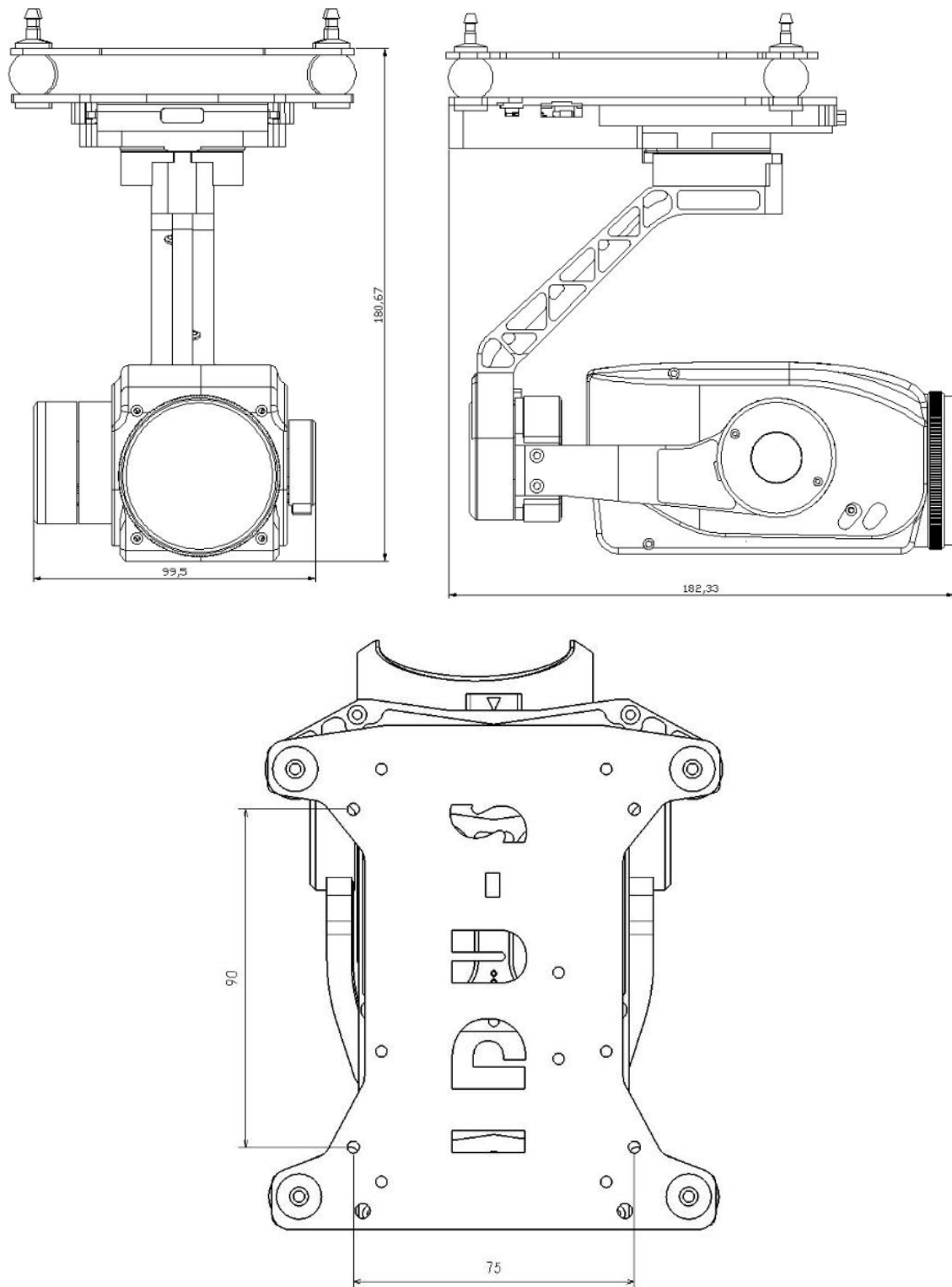
### 2. Specification

Model		SG-UAV8030N
Sensor	Image Sensor	1/1.7" CMOS
	Effective Pixels	Approx. 12.40 Megapixel
	Max. Resolution	4000(H)x3000 (V)
Lens	Focal Length	6mm~180mm
	Optical Zoom	30x
	Aperture	F1.5~F4.3
	Close Focus Distance	0.1m~1.5m (Wide ~ Tale)
	Angle of View	63°~2.5°
Video Network	Compression	H.265/H.264/H.264H/MJPEG
	Video/Photo Format	MP4/JPEG.
	Storage Capabilities	TF card, up to 128G

	Network Protocol	Onvif, GB28181, HTTP, RTSP, RTP, TCP, UDP
Resolution	Network Output	50Hz: 20fps@12Mp(4000×3000), 25fps@8Mp(3840×2160)
IVS		Tripwire, Cross Fence Detection, Intrusion, Abandoned Object, Fast-Moving, Parking Detection, Crowd Gathering Estimation, Missing Object, Loitering Detection.
Minimum Illumination		Color: 0.1Lux/F1.5; B/W: 0.01Lux/F1.5
Defog		Electronic Defog (Default ON).
Digital Zoom		4x
Electronic Image Stabilization		Support
One Key to 1x Image		Support
<b>Pan-Tilt Gimbal</b>		
Angular Vibration Range		±0.008°
Mount		Detachable
Controllable Range		Pitch: +70°~-90°, Yaw: ±160°
Mechanical Range		Pitch: +75°~-100°, Yaw: ±175°, Roll:+90°~-50°
Max. Control Speed		Pitch: ±120°/s, Yaw: ±180°/s
Auto-tracking		Support
<b>Conditions</b>		
Operating Conditions		(-10°C~+60°C/20% to 80%RH)
Storage Conditions		(-20°C~+70°C/20% to 95%RH )
Power Supply		DC 12V~25V
Power Consumption		8.4W
Dimensions(L*W*H)		Approx. 175mm*100mm*162mm
Weight		Approx. 842g

### 3. Dimension



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\*Design and specifications are subject to change without prior notification.  
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