

## SG-UAV2035N-O

### - 2 Megapixel 35x Zoom Starlight Drone Camera with Gimbal



## 1. Features

- > 1/2" 2 Megapixel COMS Sensor.
- > Powerful 35x optical zoom (6mm~210mm), 16x Digital Zoom.
- > Max. 2MP(1920x1080) Resolution
- > Support various IVS functions
- > Support Optical 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.

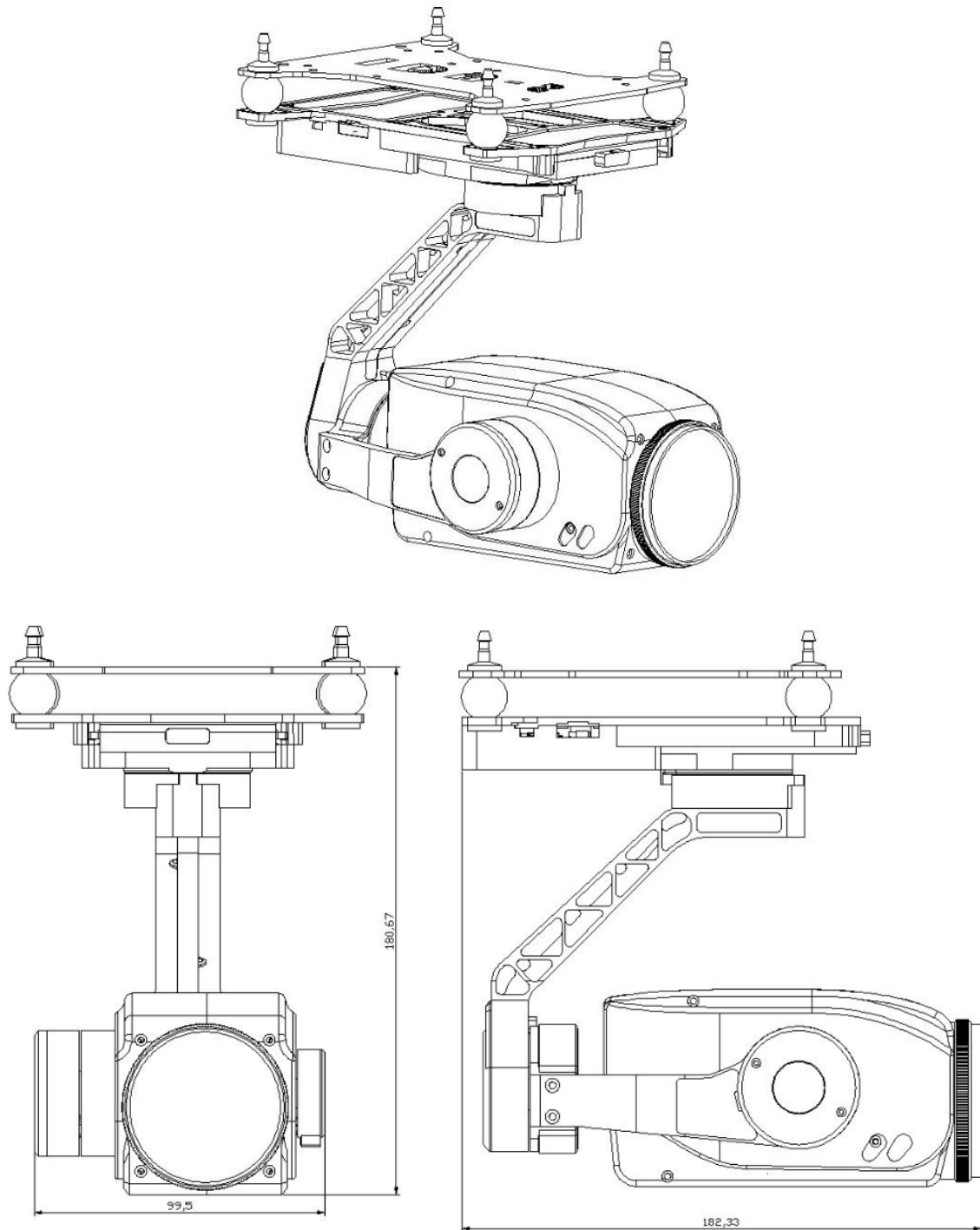
## 2. Specification

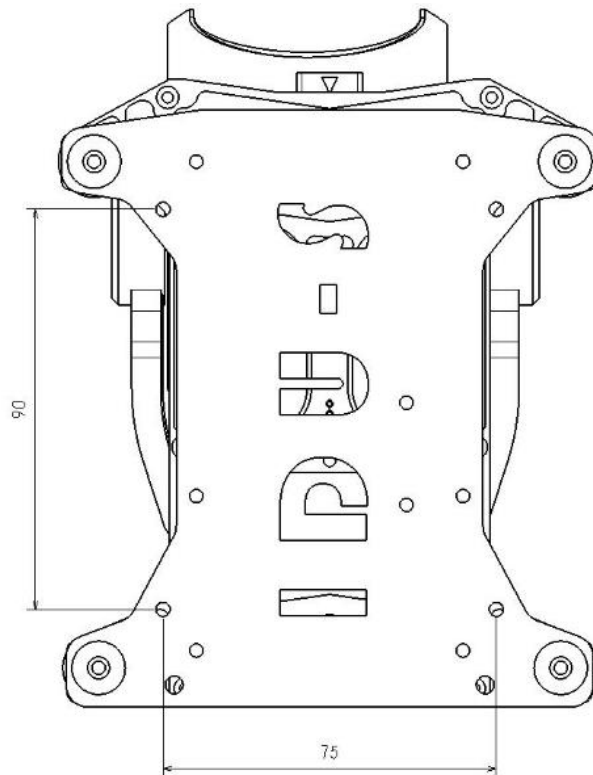
Model		SG-UAV2035N-O			
Sensor	Image Sensor	1/2" Sony Starvis progressive scan CMOS			
	Effective Pixels	Approx. 2.13 Megapixel			
Lens	Focal Length	6mm~210mm, 35x Optical Zoom			
	Aperture	F1.5~F4.8			
	Field of View	H: 61.9°~1.9°, V:37.2°~1.1°, D: 60°~2.2°			
	Close Focus Distance	1m~1.5m (Wide~Tele)			
	Zoom Speed	Approx. 4.5s (Optical Wide~Tele)			
	DORI Distance (Human)	Detect	Observe	Recognize	Identify
		2,315m	918m	463m	231m
Video	Compression	H.265/H.264/H.264H/MJPEG			
	Streaming Capability	3 streams			

	Resolution	50Hz: 25/50fps@2MP(1920×1080), 25fps@1MP(1280×720) 60Hz: 30/60fps@2MP(1920×1080), 30fps@1MP(1280×720)
	Video Bit Rate	32kbps~16Mbps
	Audio	AAC / MP2L2
Network	Storage	TF card (256 GB), FTP, NAS
	Network Protocol	Onvif, HTTP, HTTPS, IPv4, IPv6, RTSP, DDNS, RTP, TCP, UDP
	Multicast	Support
IVS		Tripwire, Cross Fence Detection, Intrusion, Abandoned Object, Fast-Moving, Parking Detection, Crowd Gathering Estimation, Missing Object, Loitering Detection.
S/N Ratio		≥55dB (AGC Off, Weight ON)
Minimum Illumination		Color: 0.001Lux/F1.5; B/W: 0.0001Lux/F1.5
Noise Reduction		2D/3D
Exposure Mode		Auto, Aperture Priority, Shutter Priority, Gain Priority, Manual
Exposure Compensation		Support
Shutter Speed		1/1~1/30000s
BLC		Support
HLC		Support
WDR		Support
White Balance		Auto, Manual, Indoor, Outdoor, ATW, Sodium lamp, Street lamp, Natural, One Push
Day/Night		Electrical, ICR(Auto/Manual)
Focus Mode		Auto, Manual, Semi Auto, Fast Auto, Fast Semi Auto, One Push AF
Electronic Defog		Support
Optical Defog		Support, 750nm~1100nm channel is Optical Defog
Flip		Support
EIS		Support
Digital Zoom		16x
One Key to 1x Image		Support
Pan-Tilt Gimbal		
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
Conditions		
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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