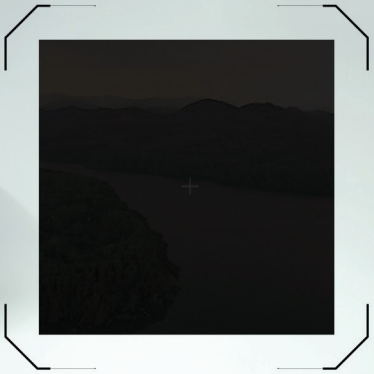
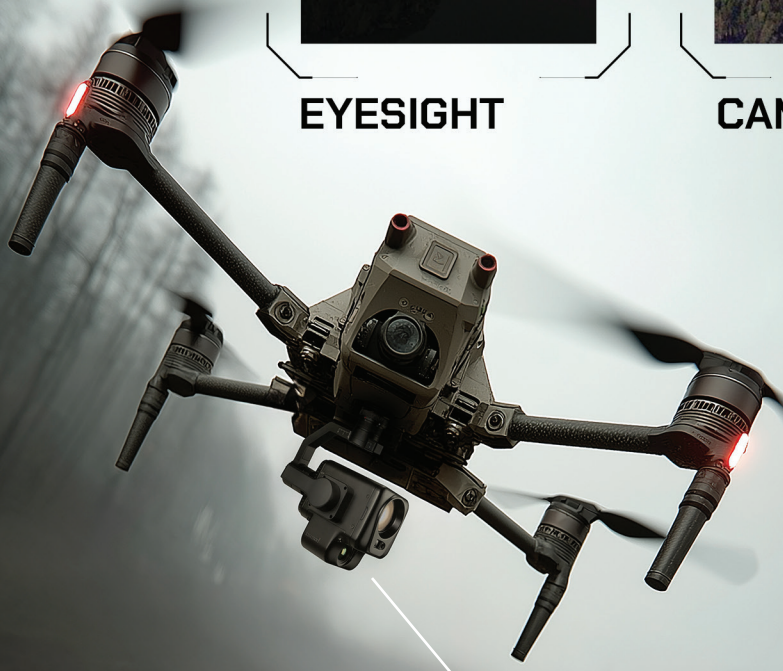


EYESIGHT

CAMERA



MOTH

COLOR NIGHT VISION STABILIZED GIMBAL

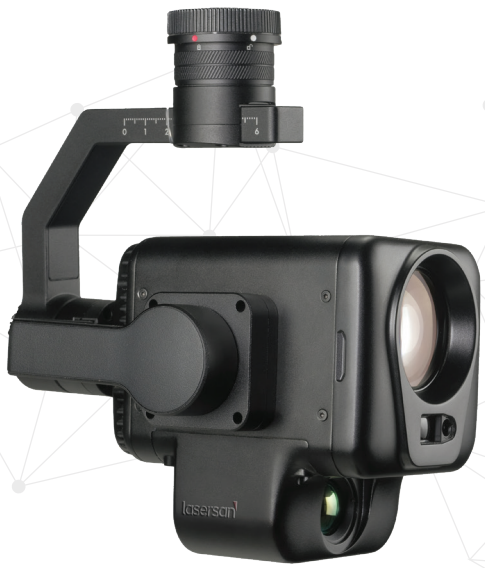
- HIGH WIND RESISTANCE DESIGN
- COLOR NIGHT VISION ZOOM CAMERA
- LATEST GENERATION THERMAL CAMERA
- LASER DISTANCE METER
- STRONG COMPATIBILITY WITH THE ENVIRONMENT
- ADVANCED SIGNAL TECHNOLOGIES
- HIGH RESOLUTION
- HIGH PRECISION

MOTH

COLOR NIGHT VISION STABILIZED GIMBAL

GENERAL FEATURES

Producing images based on the AI-powered ISP algorithm, this new technology allows users to see clear, true-color images and take photos/ videos in near total darkness (0.0001 lux). Meanwhile, Moth has excellent field of view and ultra-long night vision range. Multi-sensor solution (Night vision zoom camera, laser range finder and thermal imaging camera), integrated design, for all needs of multiple applications in different scenes. A consistent visual experience can also be realized regardless of day and night, rainy and foggy days. In complex lighting scenes such as night and city traffic, imaging is easily affected by light intensity, resulting in loss of imaging details.



TECHNICAL SPECIFICATIONS

AI CAMERA

Sensor	1/1.8" Starlight CMOS
Min. Lighting	Colored: 0.0001 Lux
Resolution	4MP, 2688*1520P
Frame Rate	5~30 FPS
White Balance, Gain	Auto
Hail Light	Yes
WDR, SNR, DNR, AI HDR, AE	120^0
Focal Length	f=7.1~171mm, 30X optic, 160X max zoom
FOV	Y:59.2°x2.5° , D:34.6°x1.4°
Laser Distance Meter	5 - 1500 m

THERMAL CAMERA

Sensor	Uncooled VOx, 640x512
Lens	19 mm
FOV	45.8°x34.3
Digital Zoom	8.0X
Pixel size	12 µm
Temperature Measurement	-20°C~+150°C

PTZ

Angular Jitter	±0.008°
Rotation Range	P: -120°~+30°, Y: ±320°