

G-18 GIMBAL

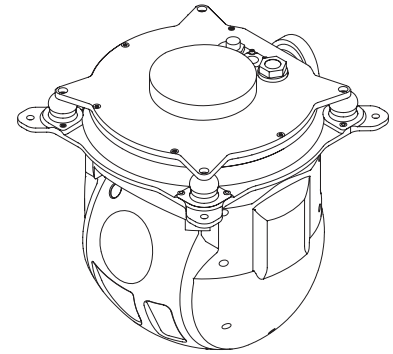
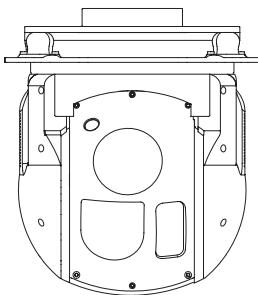
ELECTRO-OPTICAL (E/O) SURVEILLANCE SYSTEM



GENERAL FEATURES

G-18 Gimbal integrates a cooled thermal camera, a low-light day camera, and a laser rangefinder into a compact, high-precision system designed for UAV and helicopter platforms.

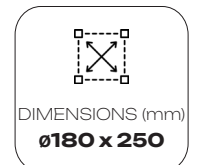
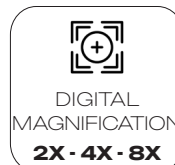
G-18 GIMBAL enables accurate target detection, identification, ranging, and tracking under all lighting and environmental conditions by providing continuous stabilization and precise line-of-sight control. Its lightweight and rugged design ensures reliable performance during dynamic flight operations, making it an ideal solution for intelligence, surveillance, reconnaissance, and target designation missions.



SPEC SUMMARY

	THERMAL	DAY CAMERA (Low Light)
Usage	Tactical UAV	
Detector Type	Cooled	CMOS
Spectral Band	3-5μm	0.4-1.1μm
Field of View	Narrow: 2° Wide: 29°	Narrow: 1.3° Wide: 40°
Control	Operator Control Unit	
Digital Magnification	2X-4X-8X	

	Detection		6000m
	Recognition		2000m
	Detection		13km
	Recognition		4000m



*These calculations have been performed according to the Johnson criteria. Actual performance may vary depending on atmospheric conditions, temperature, humidity, fog, precipitation and other environmental factors.
*A tolerance of ±10% applies to all parameters.