

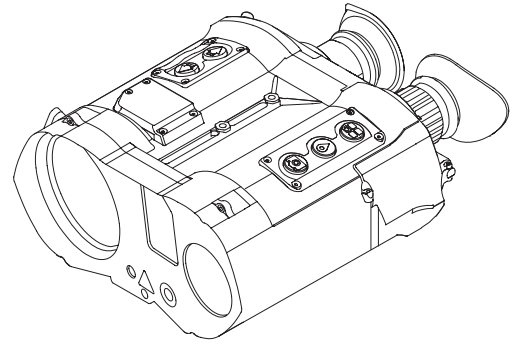
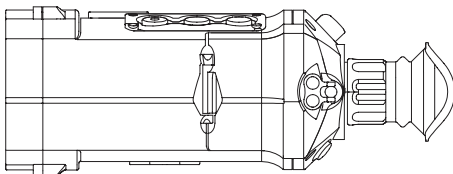
ENGEREK-C

HANDHELD THERMAL BINOCULAR SURVEILLANCE SYSTEM



GENERAL FEATURES

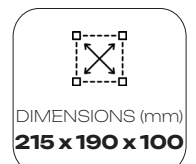
ENGEREK-C is a multi-sensor surveillance system equipped with an uncooled thermal camera, visible band camera, GPS, digital compass, and an eye-safe laser range finder. The system combines distance, position, and orientation data to support long-range target detection and positioning, and enables photo and video recording for surveillance, reconnaissance, and mission documentation purposes.



SPEC SUMMARY

	THERMAL	DAY CAMERA (Low Light)
Usage	Handheld / Tripod	
Detector Type	Uncooled μ B	CMOS
Spectral Band	8-14 μ m	0.4-1.1 μ m
Field of View	6.3° x 5°	Narrow: 2.2° x 1.2° Wide: 61.2° x 36.8°
Optical Magnification	Fixed 4.2X	Continuous 30X

	Detection		3300m
	Recognition		1100m
	Detection		6500m
	Recognition		2100m



*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.