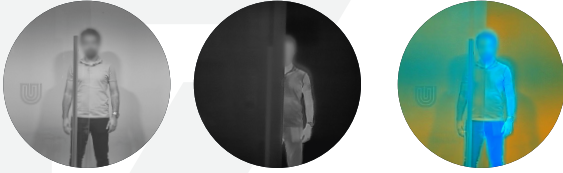


ENGEREK-F

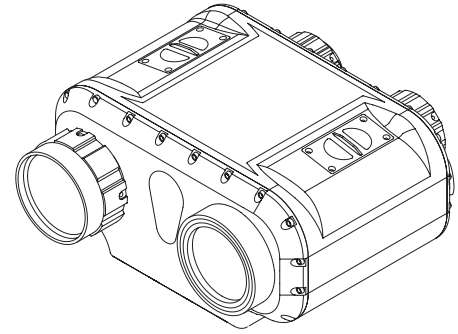
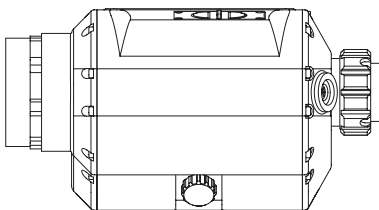
HANDHELD FUSION BINOCULAR SURVEILLANCE SYSTEM



GENERAL FEATURES

ENGEREK-F is a handheld fusion binocular surveillance system equipped with a thermal camera, a low-light day camera, a laser rangefinder, and a digital magnetic compass. Designed for uninterrupted operation in both day and night conditions, the system provides clear imaging in starlight environments and supports digital video output for recording and transmission to external displays.

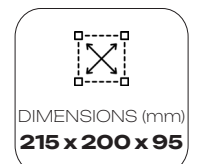
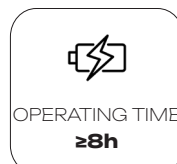
The system's core capability is the seamless fusion of low-light and thermal technologies; this enables enhanced image clarity, superior target discrimination, and improved situational awareness, delivering high operational effectiveness in critical applications.



SPEC SUMMARY

	THERMAL	DAY CAMERA (Low Light)
Usage	Handheld / Tripod	
Detector Type	Uncooled μB	CMOS
Spectral Band	8-14 μm	0.4-1.1 μm
Field of View	9.8° x 7.8°	
Digital Magnification	2X-4X-8X	
Imaging Modes	Low Light / Thermal / Fusion / Color Fusion	

	Detection		2100m
	Recognition		720m
	Detection		4300m
	Recognition		1430m



*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.