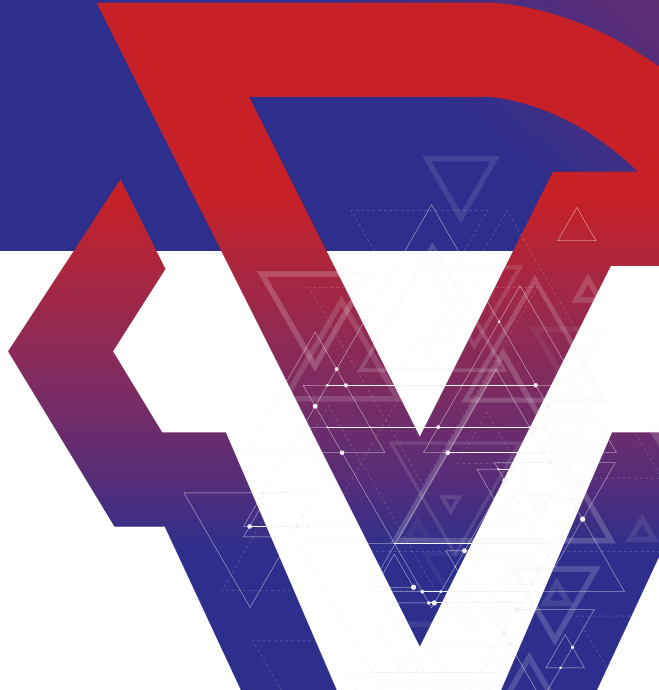


ERGÖRÜ 400 EO MOBILE SUITE



ISTANBUL
DEFENCE
SYSTEMS



ERGÖRÜ 400 EO MOBILE SUITE

The main features of the ERGÖRÜ 400 EO MOBILE SUITE are:



Mobile Unit with All in One Case



Low Weight, Low Cost Solution



Multi Mode of Operation



Built-in INS/GPS

Item	Infrared channel	Visible light channel	Low-light channel
Model	640×512, 12μm	2592×1944, 2.7μm	1280×1024, 9.7μm
Detector	640×512, 12μm	2592×1944, 2.7μm	1280×1024, 9.7μm
Spectral Band	8nm-14nm	450nm-650nm	500nm-900nm
Focal length	63mm	115mm	102mm
Illumination Level	temperature difference≥3K	> 1000lx	1×10-3lx
FOV	6.9°×5.5°	3°×2.2°	6.9°×5.5°
EFL			
D isplay	0.61 inch OLED display		
Ocular Lens	Magnification: 12x		
Focus mode	Power focus		
Laser Painter	830nm laser pointer		
Laser Range finder	6km laser rangefinder, ranging distance: 50m~6000m		
Positioning Module	Beidou 2 positioning module, using Beidou/GPS dual-mode positioning mode to achieve self-positioning. The horizontal is 5m (CEP), the elevation is 5m (PE) and the frequency band is B1/L1		
Digital Magnetic Compass	Digital magnetic compass, measuring range (azimuth) is 0°~360°, accuracy < 0.3°(RMS), resolution is 0.01°		
Hardware Interface	Standard USB interface Standard PAL video interface (BNC interface) Standard RS232 interface (DB9 interface) Standard RJ45 network interface (DB9 interface) We can take image output with WI-FI for computer		
Storage	64GB, support 128G、256G		
Battery Type (provide)	Both built-in and external batteries are customized.		
Battery Size & Quantity	One built-in battery and two external batteries		
Batterylife	Charge-discharge cycle number: 500 times		
Dimension	244mm×238mm×92mm (L×W×H)		
Weight	2.48kg		
Operating Temperature	-40°C...55°C		
Storage Temperature	-55°C...70°C		
Encapsulation	IP67		
Other Tests	Transport vibration		
Operating Distance	Thermal Imaging Channel		Color Day Channel
Human Target 1.7 m×0.5 m	Identification	0.7km	2km
	Recognition	1.2km	4km
	Detection	3km	6km
Vehicle Target 2.3m×2.3m	Identification	1.6km	4.2km
	Recognition	2.3km	7km
	Detection	4.6km	10km
Software Interface	Data output Video output Data/Video output via cable		
Mechanical Interface	1/4-20 UNC universal tripod interface		