

# ERGÖRÜ 410 THERMAL SURVEILLANCE SYSTEM



ISTANBUL  
DEFENCE  
SYSTEMS



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ERGÖRÜ 410 THERMAL SURVEILLANCE SYSTEM is designed for artillery spotters, special forces operators and other military units. The device provides passive detection and recognition of objects at a range of up to 6,000 meters. Due to the built-in rangefinder, the target ranging accuracy is about 1 meter. In addition, it is possible to detect multiple targets simultaneously. The Surveillance device has a built-in digital magnetic compass and navigation receiver, which in conjunction with a laser rangefinder allows it to obtain accurate coordinates of the target location. The device can be integrated into a command and control systems of the ground forces.

## The additional features are:



Laser rangefinder



Digital magnetic compass



Connection to the  
GPS, GLONASS, GALILEO



Wi-Fi connection

## CHARACTERISTICS

	Type of receiver	Uncooled microbolometer 17 μm
	Spectral sensitivity, μm	8 – 14
	Receiver resolution	640x480
	Objective Lens, mm	F1.4/90
	Field of view, degrees	6.9x5.2
	Digital magnification	1x – 10x
	Micro display	OLED 800x600
	Measuring range, m	4 000
	Rangefinder wavelength, nm	1 550
	Circular control selector	zoom, palettes, menu
	Batteries	2x18650 Li-Ion
	External interfaces	Wi-Fi, USB, power IN 5-12V
	Operating temperature range, °C	-25...+50
	Protection level	IP (IEC60529) IPX7
	Positioning	GPS, GLONASS, GALILEO
	Dimensions (HxWxL), mm	80x127x228
	Weight, kg	1.7
	Detection/ Recognition (on the STANAG 4347)/ Identification, m	
-	“Person”	2500/800/400
-	“Vehicle”	6000/2000/1000