

YERGÖRÜ 400 SURVEILLANCE EO STATION



ISTANBUL
DEFENCE
SYSTEMS



YERGÖRÜ 400 SURVEILLANCE EO STATION

YERGÖRÜ 400 SURVEILLANCE EO STATION is designed to conduct reconnaissance of the air space round the clock, as well as automatically detect and track targets with the determination of their exact coordinates, and calculate a target lead. The digital calculator calculates a lead depending on the target type, its distance and velocity vector, taking into account ballistic calculations.

It has the rotary support which provides 360° azimuth rotation and a tilt angle from -10° to +80°.

The main features are:



TV data channel



Range Finder



Thermal Imaging Data Channel



Ethernet Connection

CHARACTERISTICS

	Day TV	Thermal Vision
Receiver type	CMOS 1/1.8" 5.3 μm	Uncooled microbolometer 17μm
Spectral sensitivity, μm	0.4 – 1	7.5 – 14
Objective field of view, mm	1280x1024	640x480
Field of view, degree	F2.7/15 – 360	F1.0/25 F1.2/75
Detection/Recognition/Identification (according to STANAG 4347), m:		
- target type "quadcopter"	3400/1100/550	660/220/110
- target type "man"	10000/3500/1700	2000/670/340
- target type "tank"	26000/8500/4300	5000/1700/850
Image transmission		Ethernet
Frame frequency, Hz		30
Control		Ethernet, CAN
Power Supply, V		10...28
Power consumption, W		85
Operating temperature range, °C		-25°...+50°C
Overall dimensions (Height x Width x Length)		207x304x360
Weight, kg		14