

YERGÖRÜ 100 ELECTRO-OPTIC STATION



ISTANBUL
DEFENCE
SYSTEMS



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The turntable platform module of the product provides a smooth rotation of the opto-electronic module on the horizon by 360° at a speed of at least 60°/s and in the elevation angle from -10° to + 60° at a speed of at least 10°/s.

The main features are:



Thermal imager with uncooled photodetector

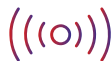


Image sensor unit

CHARACTERISTICS

	Television	Thermal Vision
Type of receiver	CCD	Uncooled microbolometer 17 μm
Spectral sensitivity, μm	0.4-0.9	8-14 μm
Receiver resolution	2330x1780	640x480
Lens narrow field, mm	F2.5/190	F1.0/150 mm
Lens wide field, mm	F1.4/35	-
Narrow field of view, degree		4°x3°
Wide field of view, degree		12°x9°
Image transfer		Ethernet
Frame rate, Hz		30
Control		Ethernet
Battery/Power, V		19 – 30
Power consumption, W		350
Operating temperature range, °C		-30°C...+55°C
Weight, kg		44,5 kg