



TRVG 28 FALCON TRACER HIGH PERFORMANCE E/O SURVEILLANCE & TRACKING SYSTEM

General Features

Advanced Surveillance & Observation, Targeting accuracy, Automatic image optimization, HD day sensor, Compact design, Designed for UAV and helicopter platforms

IMU (Mounted on Optical bench)-INS, Auto video tracker, GNSS receiver GPS, MTT, MTI, GEO-LOC/GEO-TRACK, ATC, KLV Metadata, Camera blending, Image optimisation, Anti-fog



GIMBAL SPECIFICATIONS	Stabilisation	< 20 μ rad rms (4-axis)
	Weight	< 20 kg
	Field of Regard Azimuth	360°, continuous
	Field of Regard Elevation	-120°/15° aralığında
	Video Output Resolution	Analog (Optional HD)
DAYLIGHT CAMERA	Field of View Horizontal	1.4° den 15° e
	Digital Zoom	4X
	Sensor Type	Color
INFRARED CAMERA	Spectral Band	< Cooled MWIR 3 – 5 μ m detector
	Field of View	WFOV 1.8°, NFOV 15° motorized athermalised optical zoom lens
EYE SAFE LASER RANGE FINDER	Safety	class 1 eye safe
	Range resolution	5m
	Range Measurement	50m to 20 km (2.3m x 2.3m NATO Target)
ENVIROMENTAL	Mil STD 810	
	Operating Temperature	-20/+55 °C
	Storage Temperature	-55°+85°
	Interface	RS-232, RS-422, STANAG 3350 B HD-SDI
OTHER SPECIFICATIONS	Video	3350B, NTSC or PAL
	Power Supply	18-36 VDC, 150-watt nominal (peak 300W)
	System Features	ND capability, LD capability, Consult factory