



6-INCH PAYLOAD

Sophisticated dual-axis gyro-stabilized electro-optical and long-range imaging system designed for lightweight platforms.

eOpic 6 ISTAR

Equipped with a high-energy laser target designator and compatible with a wide range of laser-guided munitions.



eOpic 6 ISR

Equipped with dual optical zoom sensors for effective day and night surveillance and long-range observation.



KEY FEATURES



STANAG 3733
Laser target
designator



SWIR see-spot
imager



FullHD 36x zoom
visible camera



5X optical zoom
thermal imager



Integrated dual
channel INS



Georeferenced
imagery



Fully featured
mission software



Automatic
target tracking



STANAG
4609



ITAR
free

TECHNICAL SPECIFICATIONS

eOpic 6 ISTAR 

eOpic 6 ISR

PHYSICAL PROPERTIES

MASS	< 1.9 kg	1.8 kg
HEIGHT	210 mm	
DIAMETER	150 mm	

VISIBLE SENSOR

TYPE	Global Shutter CMOS	
RESOLUTION	1920 x 1080	
FIELD OF VIEW	43.5° - 2.3°	55.6° - 1.95°
OPTICAL ZOOM	28x	36x
DIGITAL ZOOM	4x	
WAVELENGTH	Visible + NIR	
DRI HUMAN	25 km / 12.5 km / 6 km	26 km / 15 km / 8.5 km
DRI VEHICLE	31 km / 21.5 km / 14.5 km	32.5 km / 23.5 km / 16.9 km

INFRARED SENSOR

TYPE	SWIR See-Spot	LWIR Thermal Imager
RESOLUTION	1280 x 1024	640 x 512
FIELD OF VIEW	4.1°	30° - 6°
OPTICAL ZOOM	Fixed	5x
DIGITAL ZOOM	4x	8x
DRI HUMAN	11.5 km / 5 km / 2.5 km	4.5 km / 1.5 km / 0.8 km
DRI VEHICLE	19 km / 10.7 km / 6.7 km	16 km / 7 km / 3.5 km

VIDEO

RESOLUTION	1920 x 1080 / 30 fps
VIDEO ENCODING	MPEG4 AVC H.264/H.265
METADATA	STANAG 4609 (KLV), CoT
VIDEO STREAM	MPEG-TS

LASER

TYPE	Laser Target Designator	Laser Rangefinder
POWER	50 mJ	Class 1
WAVELENGTH	1064 nm	1500 nm
REPETITION RATE	8 - 22 pulse / sec	N/A
DIVERGENCE	≤ 0.5 mRad	1.6 mRad
RANGE	Vehicle: 3 km; Extended target: 8 km	Vehicle: 4 km; Extended: 11 km
CODE COMPATIBILITY	STANAG 3733 or user defined	N/A