

5-INCH EO/IR PAYLOAD


eOpic 5


The eOpic-5 is a light-weight dual-axis gyro-stabilized electro-optical system designed for advanced ISR missions.


KEY FEATURES

 EO/ IR payload

 Integrated INS

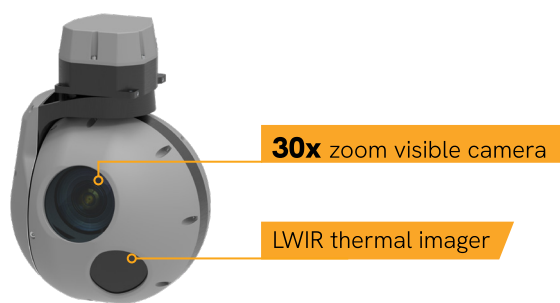
 Fully featured mission software

 STANAG 4609

 Geo-referenced imagery

 Automatic target tracking

TECHNICAL SPECIFICATIONS



IMAGING PAYLOAD

TYPE	2- axis gyro stabilized
GPS	GPS L1, Galileo, SBAS
FEATURES ON-BOARD	Automatic target tracking Scene tracking Geo-pointing Picture-in-picture

VISIBLE CAMERA

TYPE	FullHD
RESOLUTION	1920 x 1080 p
FIELD OF VIEW	63.7° - 2.3
ZOOM	30x optical zoom, 3x digital zoom
DRI HUMAN	14 km / 6 km / 2.5 km
DRI VEHICLE	22 km / 12 km/ 6 km

THERMAL IMAGER

TYPE	LWIR
RESOLUTION	640 x 512 p
FIELD OF VIEW	18°
ZOOM	8x digital zoom
DRI HUMAN	1 280 m / 320 m / 160 m
DRI VEHICLE	3 850 m / 950 m / 295 m

VIDEO

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



RELIABLE, EFFECTIVE, AND EASY-TO-USE



Thousands of hours of battle experience



Used in multiple armed forces, including 7 NATO members states and Ukraine



Widely adopted in military, border protection and police forces



FullHD TV 30x optical zoom camera to identify targets



LWIR thermal camera to find targets during day and night



Picture-in-picture to see the target in both visible and thermal spectrum simultaneously



Moving target tracking



Video measure and footprint



Indirect fire corrections