



# 4-INCH EO/IR PAYLOAD

The eOpic-4 is a light-weight dual-axis gyro-stabilized electro-optical payload designed for advanced ISR missions.

## KEY FEATURES



EO/ IR payload



Integrated INS



Fully featured mission software



STANAG 4609

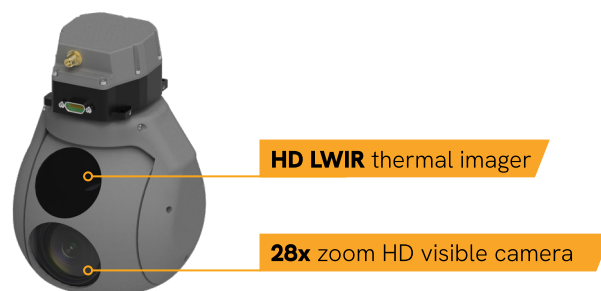
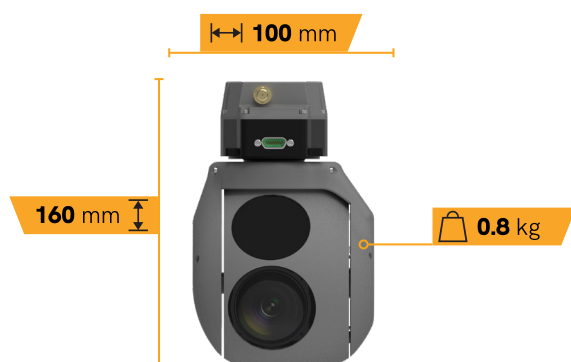


Geo-referenced imagery



Automatic target tracking

## TECHNICAL SPECIFICATIONS



### IMAGING PAYLOAD

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| <b>TYPE</b>              | 2- axis gyro stabilized                                                           |
| <b>GPS</b>               | GPS L1, Galileo, SBAS                                                             |
| <b>FEATURES ON-BOARD</b> | Automatic target tracking<br>Scene tracking<br>Geo-pointing<br>Picture-in-picture |

### VISIBLE CAMERA

|                      |                                   |
|----------------------|-----------------------------------|
| <b>TYPE</b>          | Global Shutter CMOS               |
| <b>RESOLUTION</b>    | 1920 x 1080 p                     |
| <b>FIELD OF VIEW</b> | 43.5° - 2.3°                      |
| <b>ZOOM</b>          | 28x optical zoom, 4x digital zoom |
| <b>DRI HUMAN</b>     | 25 / 12.5 / 6 km                  |
| <b>DRI VEHICLE</b>   | 31 / 21.5 / 14.5 km               |

### THERMAL IMAGER

|                      |                      |
|----------------------|----------------------|
| <b>TYPE</b>          | LWIR                 |
| <b>RESOLUTION</b>    | 1280 x 1024 p        |
| <b>FIELD OF VIEW</b> | 24°                  |
| <b>ZOOM</b>          | 4x digital zoom      |
| <b>DRI HUMAN</b>     | 2.2 / 0.75 / 0.37 km |
| <b>DRI VEHICLE</b>   | 6 / 2.5 / 1.4 km     |

### VIDEO

|                       |                        |
|-----------------------|------------------------|
| <b>RESOLUTION</b>     | 1920 x 1080 p, 30 fps  |
| <b>VIDEO ENCODING</b> | MPEG4 AVC H.264/H.265  |
| <b>METADATA</b>       | STANAG 4609 (KLV), CoT |
| <b>VIDEO STREAM</b>   | 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

## 1 DETECT



FullHD TV 28x optical zoom camera to identify targets



LWIR thermal imager to find targets during day and night

## 2 TRACK



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



Moving target tracking

## 3 TAKE ACTION



Video measure and footprint



Indirect fire corrections