

# DUO



THE ADVANCED EO/IR PAYLOAD FOR  
MAVLINK-BASED DRONE PLATFORMS

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Duo is an advanced EO/IR payload that combines a Sony Block 4K and Flir Boson 640, with integrated laser range finder for enhanced precision in various applications.

## FACTS & FEATURES

- AI OBJECT IDENTIFICATION, TRACKING, & AUTO-ZOOM
- 30X ZOOM & THERMAL IMAGING CAPABILITY
- SAVE VIDEO UP TO 4K TO SD CARD ONBOARD
- STREAM VIDEO OVER HDMI, ETHERNET
- CONTROL CAMERA/GIMBAL VIA MAVLINK
- LASER RANGE FINDER INTEGRATION

*\*To estimate target coordinate (GPS) information*



## QUICK SPECS

<b>Payload Weight</b>	854g/ 1.88 lbs
<b>Payload Dimension (DxWxH)</b>	172mm x 140mm x 143mm
<b>Sensor</b>	<b>EO:</b> 30x zoom by Sony block camera <b>IR:</b> Flir Boson 640 radiometry, 48x digital zoom, <40mK Thermal Sensitivity
<b>Supported Drone Platforms</b>	CubePilot/Skynode
<b>Mounting Options</b>	Bottom/Top/Front
<b>Connections</b>	USB 2.0, UART
<b>Laser Range Finder Range</b>	1200m
<b>Supported RC software</b>	QGroundControl <i>*Recommended RC: Herelink</i>

## TYPICAL APPLICATIONS

### Inspection



### Mapping



### Surveillance



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Note: Some of these specifications and features may change before the product release.