

Field-proven stabilized camera for defense, security, and industrial applications.

About the DragonEye

DragonEye is a dual EO-IR stabilized camera with a mere weight of 145 grams [4.01 oz]. The camera enables unparalleled long-range observation capability with high-resolution day & night vision.

The DragonEye is part of a family of EO/IR sensors, leading in the field of micro stabilized gimballed cameras, offering a wide range of field-proven stabilized cameras and accessories with unmatched performance.

The DragonEye micro stabilized gimballed camera is seamlessly integrated into our UAV systems.

DragonEye

Datasheet



VISUAL ZOOM

X40

THERMAL RESOLUTION

640 x 480



75

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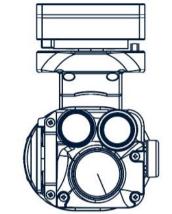


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Publication note

This manual is covering the latest product descriptions and specifications. The contents of this manual and the specifications of this product are subject to change without notice.



Specifications

Visible camera Visible 400-700 nm

Resolution: 1280x720

Zoom: x40 continuous (x20 optical + x2 digital)

HFOV: 60° WFOV - 3° NFOV - 1.5° DFOV

Thermal camera LWIR uncooled (8-14µm)

Resolution: 640 x 480

Zoom: x4 digital, continuous zoom

HFOV: 32° WFOV - 8° DFOV

Range of rotation Pitch: -45°to +135°

YAW/ROLL: -165° to +165°

Control interface RS-232

Video interface Micro HDMI

Stabilization level < 70µrad

Angular velocity Up to 105°/sec

Power requirement 15-32 VDC

Power consumption 3.5 Watt (typical) / 6 Watt (max)

Dimensions LxWxH= 57mm x 50mm x 74mm

Weight 145 grams (4.01 oz.)

Temperature -20°C [-4°F] to +55°C [+131°F]

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