

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



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UNMANNED SYSTEMS & COMPONENTS
De Iepenwei 14C - 4191PD Geldermalsen - The Netherlands

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 (8-14 μ m) 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	< 70 μ rad
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]

