

BigEye-T

The **BigEye-T** is equipped with infrared and 4K cameras, providing high-resolution images and radiative data analysis. With 30x zoom and advanced object detection, it delivers precise performance in a variety of situations.



Main Function



Capture the Invisible with Precision

Our advanced camera allows seamless synchronization of IR images with normal images, delivering unparalleled clarity and radiometric data support. With R-JPEG compatibility, experience superior imaging quality and detailed analysis.



Unleash Superior Vision with Cutting-Edge Technology

Our EO camera features a SONY Exmor R CMOS Sensor, supporting stunning 4K images with an impressive 30x zoom. Equipped with an internal NVIDIA board, it offers advanced object detection capabilities, ensuring precise and versatile performance for all your needs.

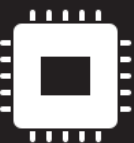
Functions Highlights



- Sensor: SONY 1/2.5 CMOS 8.51 MP
- Resolution: 3840×2160@30fps
- Electronic shutter speed: 1 to 1/10000 sec.



- Wave: 905nm (Class 1)
- Measure Range: 5-1200m (Effective for distances over 12m with a 20% reflection rate)
- Measure Accuracy: ±1m (6 ~ 60m) ±1.5m(70 ~ 100), ±2m(110 ~ 400m), ±0.4m (> 400m)



- GPU: 384-core NVIDIA Volta™ GPU with 48 Tensor Cores
- CPU: 6-core NVIDIA Carmel ARM®v8.2 64-bit CPU 6MB L2 + 4MB L3
- Memory: 8 GB 128-bit LPDDR4x @ 1600 MHz 51.2GB/s
- Storage: 16 GB eMMC 5.1



AQUILA 2

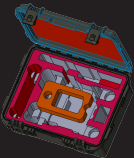
Size	495×455×286mm
Weight (incl. camera)	3.7kg
Flight time (incl. camera)	45mins
Battery capacity	12,000mAh
Certification	 C2

RHYTHM 3

Size	150×112×153mm
Weight	800g
Camera module	EO: SONY Exmor, 4K, x30 Zoom IR: 640 × 512, 30Hz LRF: distance up to 1.2Km AI Image Detection
IP rating	IP44

Manufactured in Taiwan

Package includes

	Hard case	1EA		AVIATOR Controller	1EA
	AQUILA 2	1EA		Prop	4EA
	RHTRHM 3 camera	1EA		Battery	2EA
				Battery charger	1EA