Optoelectronic Detection & Tracking Device

R-Glow-200A

RAGINE

R-Eye • R-Shield • R-Warder • **R-Glow**

The product is capable of efficiently discovering, confirming and tracking UAVs, providing critical information for the C-UAV system. It can either operate independently or combine with a radar system.

It provides rapid target localization and real-time forensics in complex environments,moreover it allows to be equipped with the laser rangefinder module if required that realize the function of discovering, locating, tracking, identifying and tracing targets in 24/7.
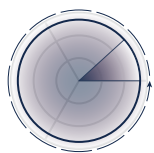
This product efficiently detects, confirms, and tracks UAVs, providing crucial information to the system. It possesses the flexibility for both independent operation and integration with radar systems. It can swiftly locate targets in complex environments, offering real-time evidence. Additionally, modules such as laser ranging can be added as needed, enabling all-weather, all-time, and all-dimensional discovery, positioning, tracking, identification, and tracing of targets.

『 KEY BENEFITS 』

▶ Dual Optical Detection

▶ Comprehensive Coverage
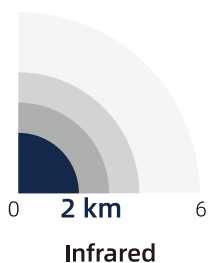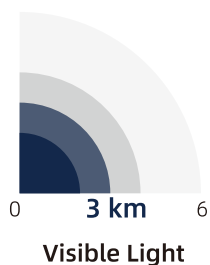
▶ Self-service Evidence Collection

▶ High Scalability

『 TECHNICAL SPECIFICATIONS 』

Horizontal Rotation Range

360° Continuous Rotation

Detection Range

0   **3 km**   6
Visible Light

0   **2 km**   6
Infrared

Specification	Value
Resolution	Visible Light: 1920×1080; Thermal Imaging: 640×512
Power Supply	AC 220V / DC 48V
Laser Rangefinder	Measuring Range: ≥ 2.5 km; Range Accuracy: ± 5 m; Accurate Measurement Rate: ≥ 95%
Power Consumption	300 W
Operating Temperature	-45℃ to 70℃
Weight	≤ 80 kg
Product Dimensions	600 mm × 600 mm × 750 mm (L × W × H)
Ingress Protection Rating	IP67

『 INDUSTRY APPLICATIONS 』

Security & Counter-terrorism in the Oil & Petrochemical Industry

Security & Counter-terrorism in the Power Industry

Government & Security Agency

Civil Aviation Airport & Logistics Base

Large-Scale Event & Sport Competition

Urban No-Fly Zone Airspace Security

Business & Personal Privacy Protection

More Industry Solutions

MORE
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