

**DT-EYE  
XL  
SENSOR**

**HIGH-RESOLUTION VIDEO SURVEILLANCE TURRET**



The XL version of the DT-Eye sensor payload is fit specifically to the DT26X ultra long range UAV. Typically, a surveillance turret of this size (1.6 kg) & quality could only be deployed on full-size aircraft. The DT26X operator now has 2-axis gimballed control, up to 10x optical zoom, moving and stationary object tracking, and 100  $\mu$ rad of stability.

**APPLICATIONS**

- Security & Surveillance
- Reconnaissance
- Oil & Gas Leak Detection

Sensors	EO & IR
EO resolution	440,000 pixels / 530 TVL
IR resolution	640 x 480
IR Spectral band	8-14 $\mu$ m
IR sensitivity	< 50 mK
Retraction system	Mechanical
Tracking system	Automatic, geo-location
Pan / tilt	Infinite / 180°
EO Focus	Auto-focus
EO Zoom	10x optical + digital

The DT-Eye XL video turret is the perfect payload for covert scenarios or where eagle-eyed vision is key. This observation turret is ideally suited for a variety of unique missions - particularly:

- Day and night surveillance of industrial sites
- Oil & gas leak detection
- Reconnaissance
- Post-disaster damage assessment
- Anti-poaching operations
- Forest fire management
- Law enforcement, military, & defense applications



High RESOLUTION

Zoom 10X OPTICAL

IR/EO CAPABILITY

Security SURVEILLANCE

