



DT26X

**DT-EYE X**

~ SOLUTION ~

## HIGH-RESOLUTION VIDEO SURVEILLANCE TURRET

**High**  
RESOLUTION

**Zoom**  
10X OPTICAL

**IR/EO**  
CAPABILITY

**Security**  
SURVEILLANCE

The X 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 µrad 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 µm
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 X 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



EO video



IR video



Live moving object tracking

