



# DB-16 RAPID DEPLOYABLE AEROSTAT SYSTEM

## APPLICATIONS

CROWD CONTROL

VIP PROTECTION

PERIMETER SECURITY

COMMUNICATIONS RELAY

PERSISTENT SURVEILLANCE

EMERGENCY RESPONSE

## MAIN FEATURES

RAPID DEPLOYABLE

24/7 OPERATIONS

360° OBSERVATION COVERAGE

EASY TO OPERATE AND MAINTAIN

SMALL LOGISTIC FOOTPRINT

MULTI ROLE CONFIGURATIONS

NEED SITUATION AWARENESS?



**VIGILANCE**



## DB-16 Aerostat System

The DB-16 Aerostat System enables persistent day and night surveillance from 150 meters above ground. It provides a clear overview from an elevated position and covers a large area with a single sensor system. Other payloads may include communication relay or interception systems, radar and acoustic sensors or a combination of multiple sensors.

The EO/IR sensor is stabilized in pitch and yaw and fitted with an onboard GPS and IMU. The gimbal is equipped with a HD video camera with 10x optical zoom and a 640x480 resolution FLIR sensor with 35mm lens. The video signals and control communications are sent through the tether cable to the ground station for redundant and secure "closed loop" operations.

Aerostat launch and recovery can be performed by a two man crew within 30 minutes. Once launched, the surveillance operation is performed by a single operator at the GCS. The operator will have full control of the sensor gimbal and the different camera functions using the hand-held controller. The ground station will display the live video, a map for situation awareness and the telemetry data of the aerostat. Mission recording is available for video data as well as telemetry data.

The DB-16 is operationally proven across the globe and is praised by on-scene commanders for providing situation awareness and its persistent surveillance capability.

