

# Day & Night Surveillance

Vortex Edge provides great assistance for day and night surveillance operation by equipping UAV system with high-quality HD video camera during day surveillance and utilizing thermal sensor technology for night vision. In addition, the implementation of 2-axis gyro-stabilized gimbal, combined with the smoothness and regularity of the aircraft's flight, allow getting images and footage that are stable enough for monitoring, even at full zoom. The gimbal helps in maintaining camera orientation and inclination, no matter what the movements of the aircraft are.

This fully autonomous system, collect aerial data and transmit in real-time for ease of operation. Real-time aerial video and photos are delivered directly to personnel on the ground, enabling more informed decision making in times of emergency situations or during routine patrols.



### Able to operate at night

Thermal camera provides imagery data that human eyes unable to detect and see



### Superior Quality Images & Footage

Utilized of 2-axis gyro-stabilized gimbal



### Real-Time Video Monitoring

Vortex software enables direct data transfer to the base station in real-time.



### Extra Long Flight Time

Light-weight system resulted in longer flight time and fewer times to change battery

## Low Cost Surveillance Operation

- Few people needed for operation

## Autonomous Surveillance

- Fully autonomous from takeoff until landing

## Practical & Time-saving

- Easy to carry, assemble and operate

## Payload Flexibility

- Capable of customizing and integrating any type of payload

## Increase Awareness

- Emergency response alert in case of emergency situation

