

# khæro

BUILT FOR EUROPEAN LAW ENFORCEMENT AND ARMED FORCES

Light weight  
**1.3 kg**

Deployment  
**Under 1 min**

Flight time  
**2x30 min**

Wireless range  
**Up to 10 km**

Cyber-secure  
**AES-256 encryption**

## Real-time situational awareness UAS

Get HD live video insights into rapidly-changing environments, even in GNSS-denied conditions. Ensure the success of your intelligence, Surveillance, and Reconnaissance (ISR) missions. Khæro can be easily carried, launched and operated by a single pilot



**Instant deployability:** Use standardized flight plans for instant situational awareness or create your own according to your needs



**Find, Fix and Track** your sensor point of Interest from safe distances and enhance your unit's situational awareness



**Report:** Generate detailed imaging and situational reports for evidence gathering.



**Follow Me Mode:** Cover your patrols movements with increased situational awareness





Cyber-secure



Radio data link  
encryption AES-256



Drone log file  
suppression



No internet  
required



Encrypted SD card  
(optional)

## Drone specifications

**Dimensions:** 40x33x11 cm

**Material:** Nylon, Additive manufacturing

**Weight:** 1.3 kg

**Transport:** Rugged case

Backpack (Optional)

Custom Solution (On request)

## Flight performance

**Cruise speed:** 14 m/s - 50 km/h

**Max speed:** 20 m/s - 40 km/h

**Max wind resistance:** 11 m/s - 71 km/h

**Max flight time:** 30 minutes

**Service temperature:** -10°C , +49°C

## GCS Specifications

**Display:** Samsung Galaxy Active 3, 8" sunlight viewable screen with rain mode and glove touch

**Video:** Continuous HD video feed from RGB and thermal sensors

**Security & Features:** Secure access, supports remote screen recording

**Battery:** 5 hours battery life

## RGB sensor specifications

**Sensor:** 2 sensors 1/2.4"

**Resolution:** 1920 x 1080

**Field of view:** HFOV: 60° WFOV - 4.5° NFOV - 2.2° DFOV

**Zoom:** x20 + x2 digital (total x40) continuous

**Video format:** MP4 (H.264)

## Thermal sensor specifications

**Sensor:** 1 sensor 1/2.4"

**Spectrum:** LWIR uncooled (8-14µm)

**Resolution:** 1920 x 1080

**Field of view:** HFOV: 60° WFOV - 4.5° NFOV - 2.2° DFOV

**Zoom:** x20 + x2 digital (total x40) continuous

**Video format:** MP4 (H.264)

## KHERO system includes

Ground control station (GCS)

Battery charger

Khero aircraft

2x Khero battery

Rugged case

SD card 64 GB

1x spare propeller

