

# UAV A1



**CBRN  
PROTECTION  
TCT**



Aerial reconnaissance and monitoring



Ground control station



UAV A1

## Solution

- Aerial reconnaissance and area monitoring
- Fully automatic flight in search mode
- Optional thermal imager for night flights
- Cryptographic encryption of control channel
- No registration for the flight
- No software locks; No GSM

## Advantages

- Determination of coordinates and target tracking
- Monitoring of emergency situation
- Weather monitoring and contamination spread prediction (wind direction and speed)
- Payload delivery to the specified coordinates
- Ability to interact in a drone swarm (UAV, UGV)

Website:

[www.cbrnprotectiontct.org](http://www.cbrnprotectiontct.org)

Email:

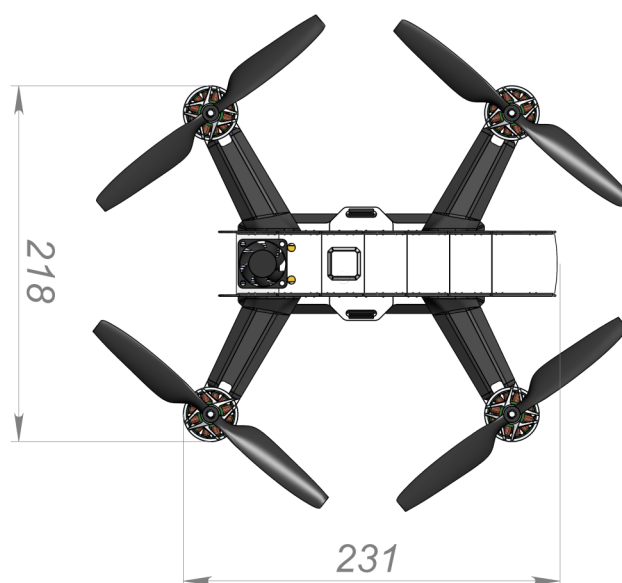
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# UAV A1

## specifications



### UAV A1

Maximum altitude	3000 m
Tactical range	3 km
Maximum range	5 km
Maximum flight time	55 min
Maximum wind speed near the ground	15 m/s
Maximum payload weight	400 gr
Operating temperature	- 15 / + 60 °C
Props	7 inch
Frame	Carbon / Plastic

### Camera

Operating system	Integrated OS Linux
Video	720p (1280x720) 30 fps
Maximum resolution	3 Mpix
Stabilization	gyro-stabilized single axis
Matrix	1/2.9" Progressive CMOS F23

### Ground control station (TIS Operator)

Display	5 inch
Protection	IP 64
Military standard	MIL STD 810G
Working time	12 h
Operating temperature	- 35 / + 60 °C

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