

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

Email:

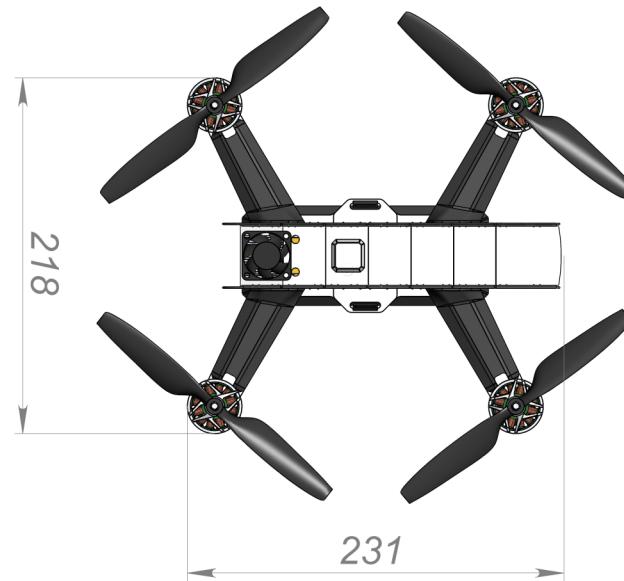
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specifications



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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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