

Stribog UAS



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Easy to adapt & ready to fly

Stribog is an extremely powerful quadcopter with up to 40 TOPS of AI computing power and open architecture, allowing developers to build their own missions.

GNSS-DENIED

MODULAR PAYLOAD

OPEN ARCHITECTURE

THERMAL CAM

RADIO SILENCE

STANAG READY



PAYLOAD OPTIONS



DragonEye 2
Payload option

Flir Hadron 640
Payload option



EO



IR



DragonEye 2
Flir Hadron

| Zoom: X40 combined 1920x1080px
| Zoom: X20 digital 9248 x 6944 px

| FOV: EO 60° HFOV, Thermal 32° HFOV
| FOV: EO 67° HFOV, Thermal 32° HFOV

| Gimbal: Pitch -45° to +135°, Yaw/Roll ±180°
| Gimbal: Roll ±40°, Pitch ±120°, Yaw ±165°

PAYLOAD OPTIONS



DragonEye 2
Payload option

Flir Hadron 640
Payload option



Detection



Tracking



AI-powered object detection algorithms developed by Airvolute

SPECS

Diagonal wheelbase	685 mm
RTF weight without payload / with DragonEye2	4 kg / 4.4 kg
MTOW	6 kg
Flight time without payload	60 min
Temperature range	-20 to 45°C
Max. horizontal speed	17 m/sec
Max. wind resistance	12 m/sec
IP Resistance level	IP43

APPLICATION CAMERA

Option 1	NextVision Dragoneye 2
Option 2	FLIR Hadron 640R

OTHER FEATURES

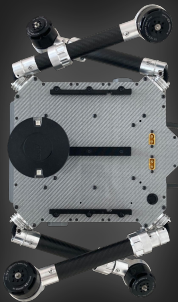
GNSS-denied / absolute radio silence mode	Communication range up to 40 km
Object detection and tracking	Modular payload
Autonomous safe landing / Home function	Mesh radio
Autonomous obstacle avoidance	Lidar 0.2 - 50m range
ATAK / CivTAK compatible	Fits into tactical backpack



SPECS

SENSING SYSTEM

Forward	Stereo camera 120mm baseline, FOV: horizontal 92.76°, vertical 66.89°, 1280x800px
Downward	Mono camera; FOV: horizontal 92.76°, vertical 66.89°, 1280x800px
Global Navigation Satellite System	GPS + Galileo + BeiDou
Lidar	0.2 - 50m range



AUTOPILOT

DroneCore.Suite	DroneCore.Suite 1.2 with NVIDIA Xavier NX 16 GB 512GB M.2 SSD storage
Flight stack	DroneCore.OS, MAVLink-based FMU, ROS2 application layer

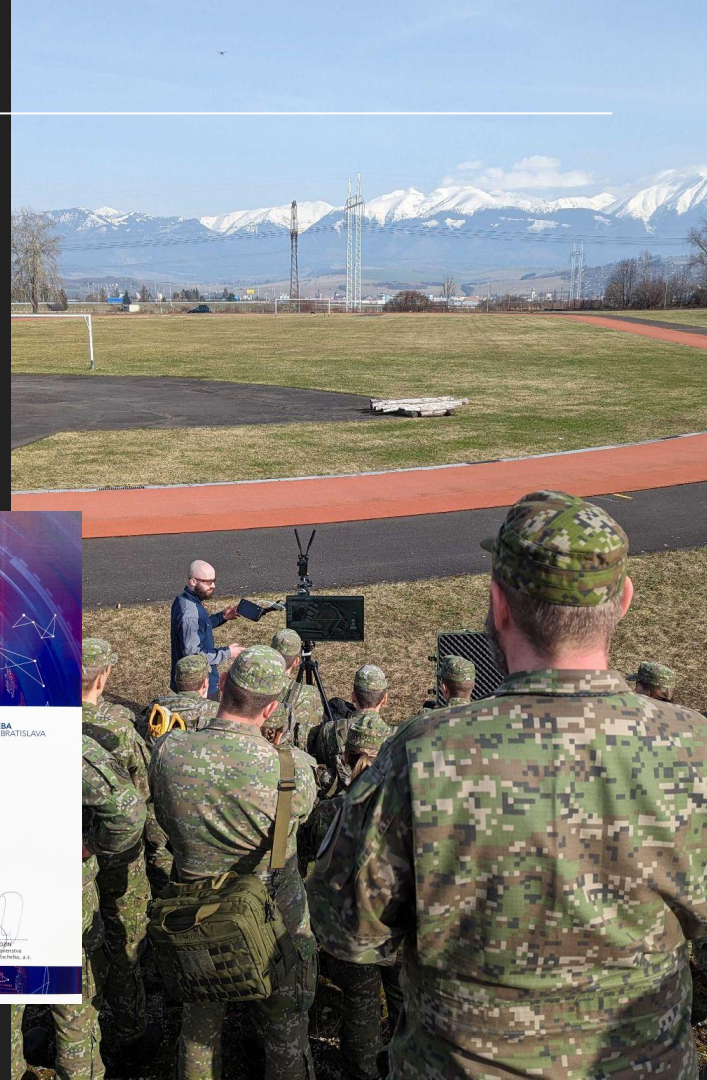
COMMUNICATION INTERFACES

Radio remote control	Doodle Labs radio
Data connectivity	WIFI, LTE modem



Developed with key stakeholders

Our flagship platform Stribog UAS received a special award by the Ministry of Defence of Slovakia.



Your favorite ground control

By default Stribog UAS is shipped with **Steam Deck**, but we custom integrate most other GCS available on the market. Stribog is also compatible with the TAK application.



UXV
TECHNOLOGIES

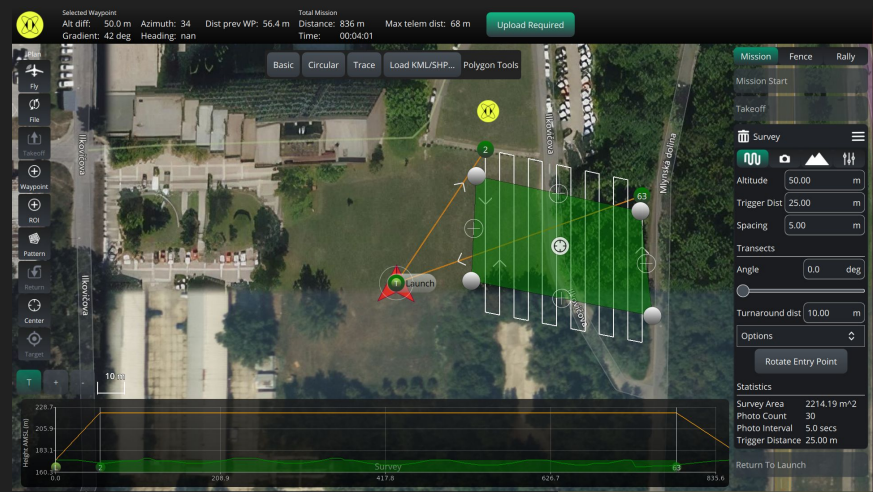


SAMSUNG

RADIOMASTER



GROUND CONTROL SYSTEM



Trusted UAS solutions

We are a trusted UAS manufacturer with patents pending and >10 years of experience.

Our solutions are used by **global clients** in the aerospace & defense industries.

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We are among top ~50 NVIDIA global development partners.





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