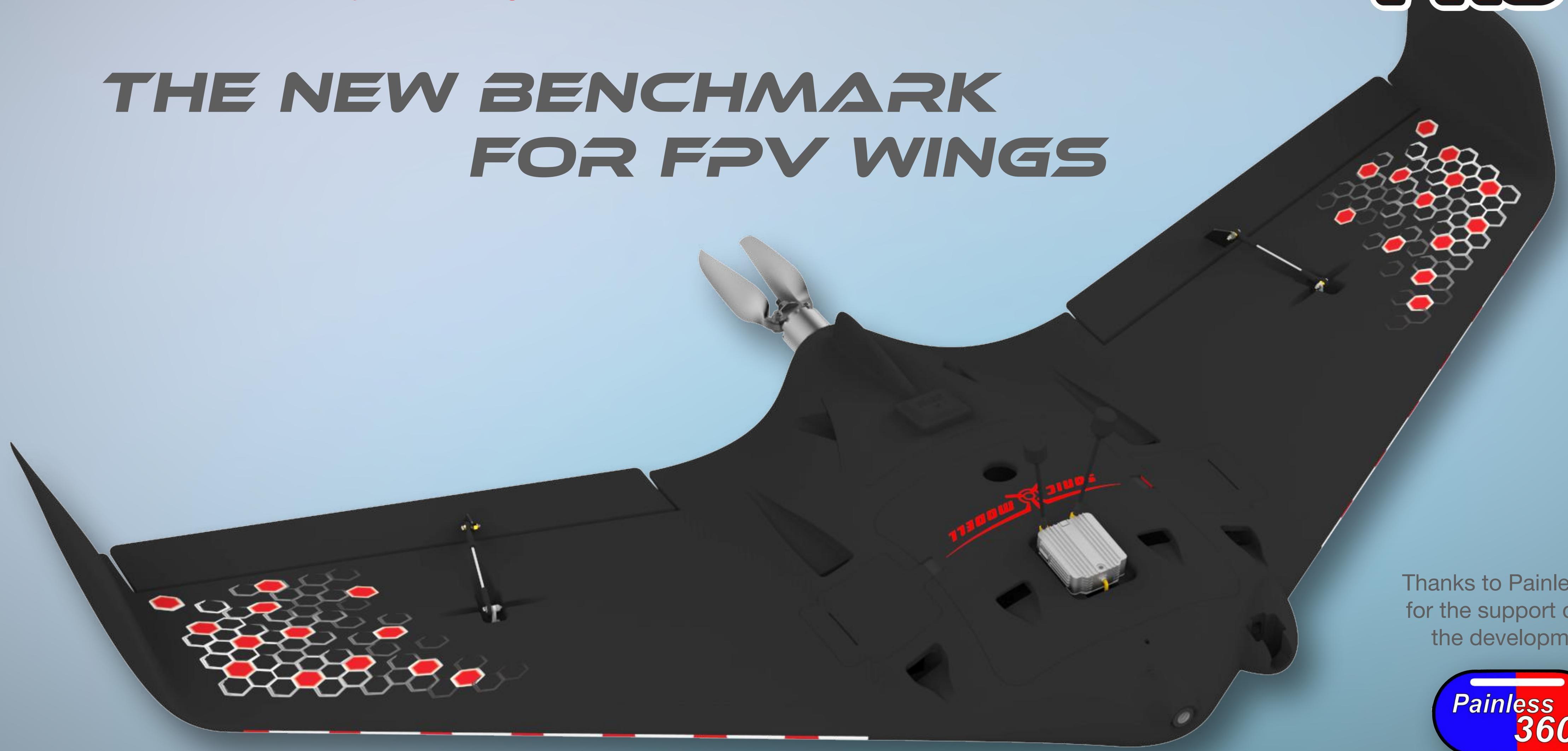


®
AR WING
PRO

**THE NEW BENCHMARK
FOR FPV WINGS**



Thanks to Painless360
for the support during
the development





The SONICMODELL AR Wing is synonym of FPV. With more than 35000+ units sold since it first came out, and with countless other models trying to imitate its design, there is no doubt that, at this point, the AR Wing has very well earned the title of “Classic” in the FPV world.

A quick search on Youtube or Facebook will throw you thousands of videos, links, pictures, reviews, builds logs and write ups about this wonderful bird. Its performance, reliability, convenience and great value for the money are beyond proven.

At SONICMODELL, we’re proud of our creation, and to celebrate it, we decided to take it one step forward. We wanted, without replacing the AR Wing, to offer an “updated version” since our hobby grows fast and trends are changing all the time.

For that reason, and embracing all the new technologies like the DJI HD FPV System, we designed the first wing in the market that is -out of the box- ready to host DJI HD FPV without any mods or sketchy mounts. There are so many improvements on this wing, that we believe will be a rightful member of the AR Wing family. Ladies and Gentlemen, we introduce you: The AR WING PRO

BASIC SPECS:

Motor: 2216-1400KV

ESC: 40A w/5V 3A BEC

Servos: 2pcs 9g metal gear servo

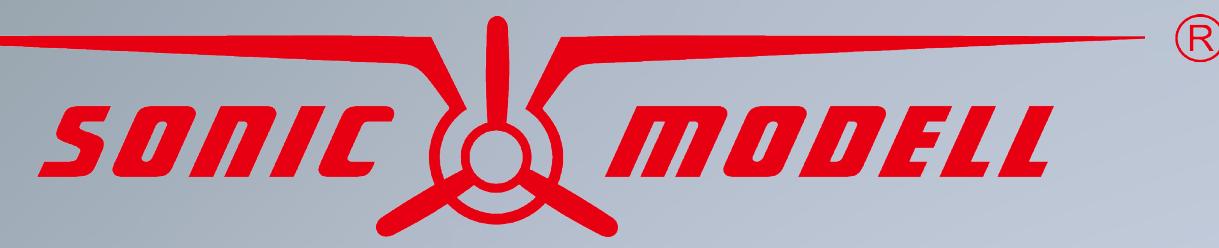
Propeller: 2 blades 8x5

Recommended Battery:

Lipo 4S 3200-3500mAh

ZOHD Lionpack 18650 4S2P 7000mAh





Basic



Power Combo Configuration:

Brand Name: SONICMODELL

Item Name: AR Wing Pro

Material: High-Quality EPP

Wingspan: 1000mm (39.37")

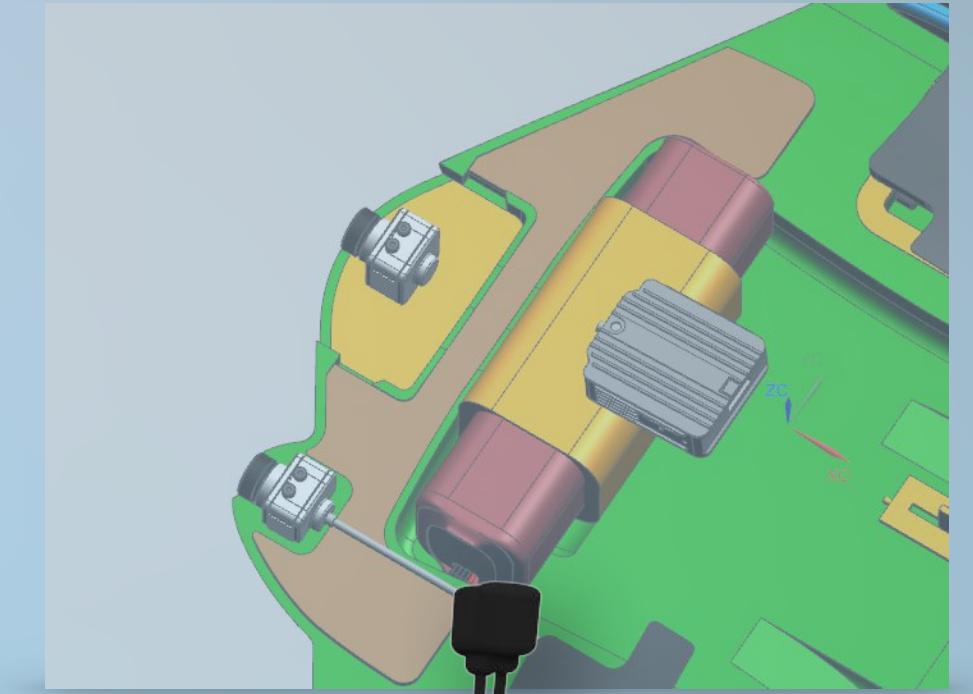
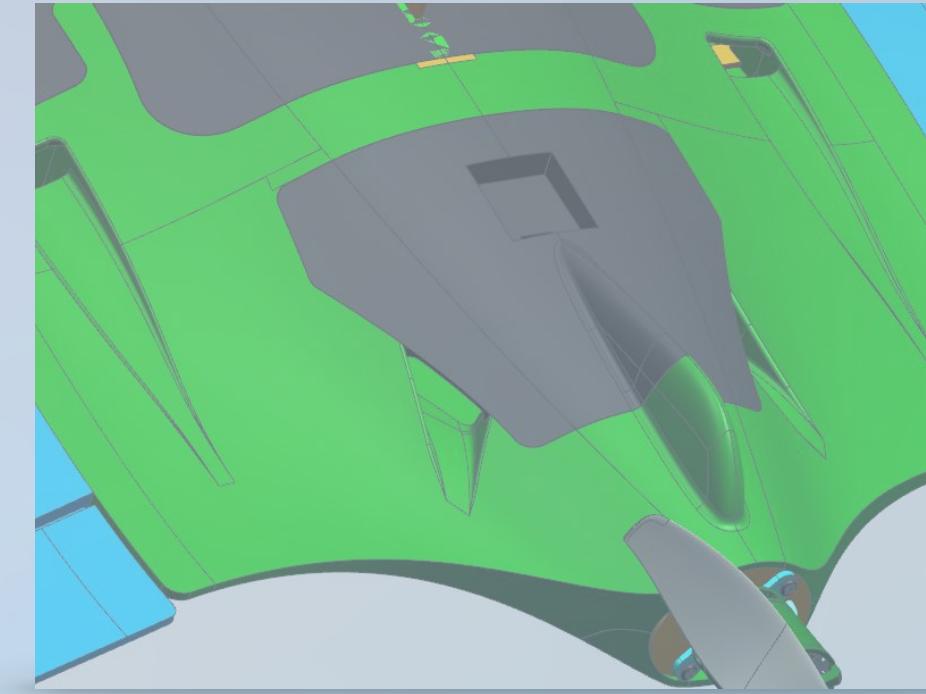
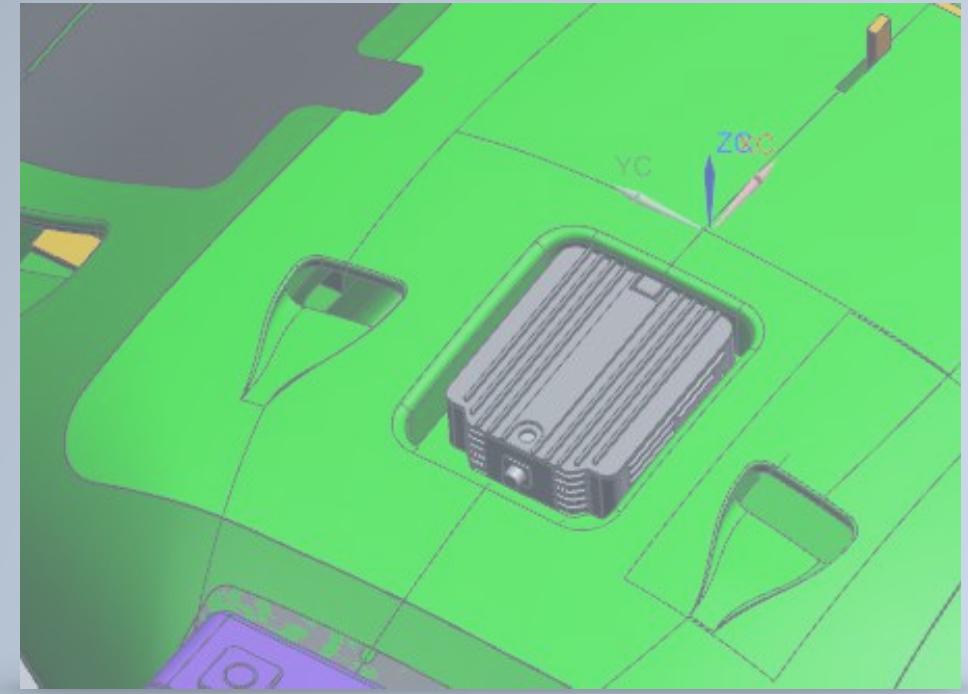
Length: 450mm (17.71")

Version: KIT, PNP

KIT Empty Weight: 340g

PNP Empty Weight: 500g (with basic power combo)





Performance and Recommended Limits:

Min. recommended speed: 31km/h

Max. speed (with SONICMODELL power combo): 130km/h

Cruise speed (with SONICMODELL power combo): 75/80km/h @ 5.5A

Max Speed tested without structural failure: 220km/h with no structural damage or twist on elevons

Max recommended takeoff weight (with SONICMODELL power combo): 1425 grams

Reflex on elevons: 1.5-2mm at level

Recommended max. Throws: 12mm





Versions:

KIT Includes:

SONICMODELL AR Wing Pro KIT with all hardware.

KIT package size: 40*31*17mm

PNP Includes:

SONICMODELL AR Wing Pro KIT with BASIC power combo (uninstalled motor, esc, servos, propeller, and hardware.)

PNP package size: 40*31*17mm

Available soon:

SONICMODELL AR Wing Pro PREMIUM COMBO (TMOTOR motor + ESC)

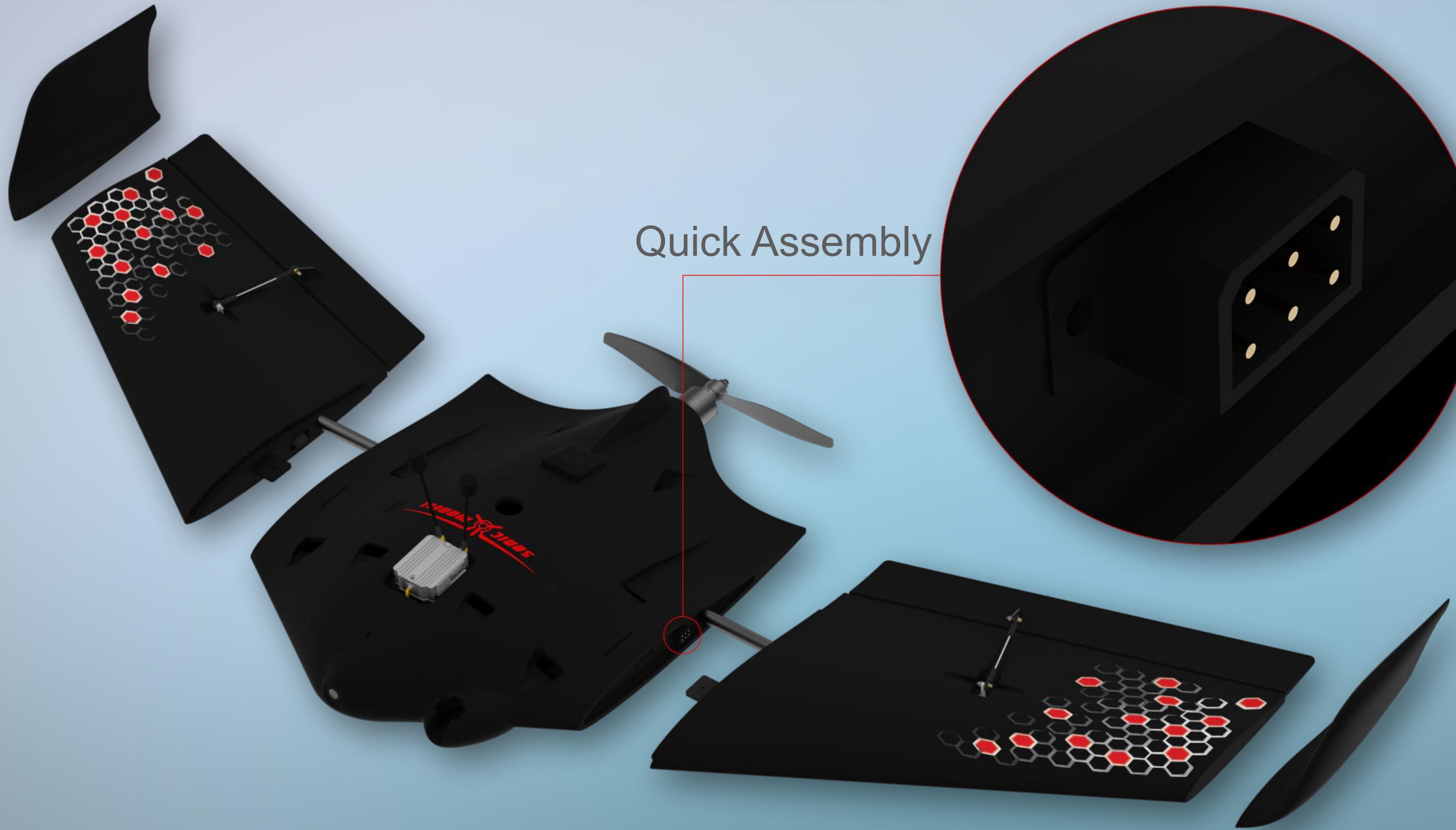




Features:

- The World 1st FPV Wing with dedicated nose camera bay and main hatch bay for DJI HD Air Unit System.
- Aerodynamic designed FPV pocket in both sides of fuselage, with high efficient NACA air cooling system to ensure a long-lasting performance of your FPV gear work in any conditions.
- Molded by tough EPP material, built-in CF spar for enhancement, super stable flying capability and crash resistance.
- Extra nose and side camera bay and main hatch that compatible with all FPV and AIO cameras in the market.
- Nose camera slot compatible with all HD Action cameras (DJI, GoPro, Runcam etc) in the market.
- Multiple routing inside all equipment bays, allowing you an easy wire layout regardless the design.
- Detachable main wing and wing tip, glue-free assembly, incredibly portable considering the size.
- Built-in CF rod in ailerons will give precision and sharp action to your inputs.
- Accurate ball link control system brings agile and quick response to your maneuvers.
- Special-designed “servo arm built-in” structure will protect your servo arm from impacts and keep low profile.
- Large battery bay for extended flight time and more room for ANY Flight Controller.
- Decent rear bay for ESC, or other gear isolating interference from other FPV equipment.
- Built-in plate inside fuselage for extra enhancement.
- Extra CA Hinges for DIY will give you the option of a stiffer and more agile control to your elevons.
- Optimized main air-cooling design will keep your gear safe from overheating.

Details:



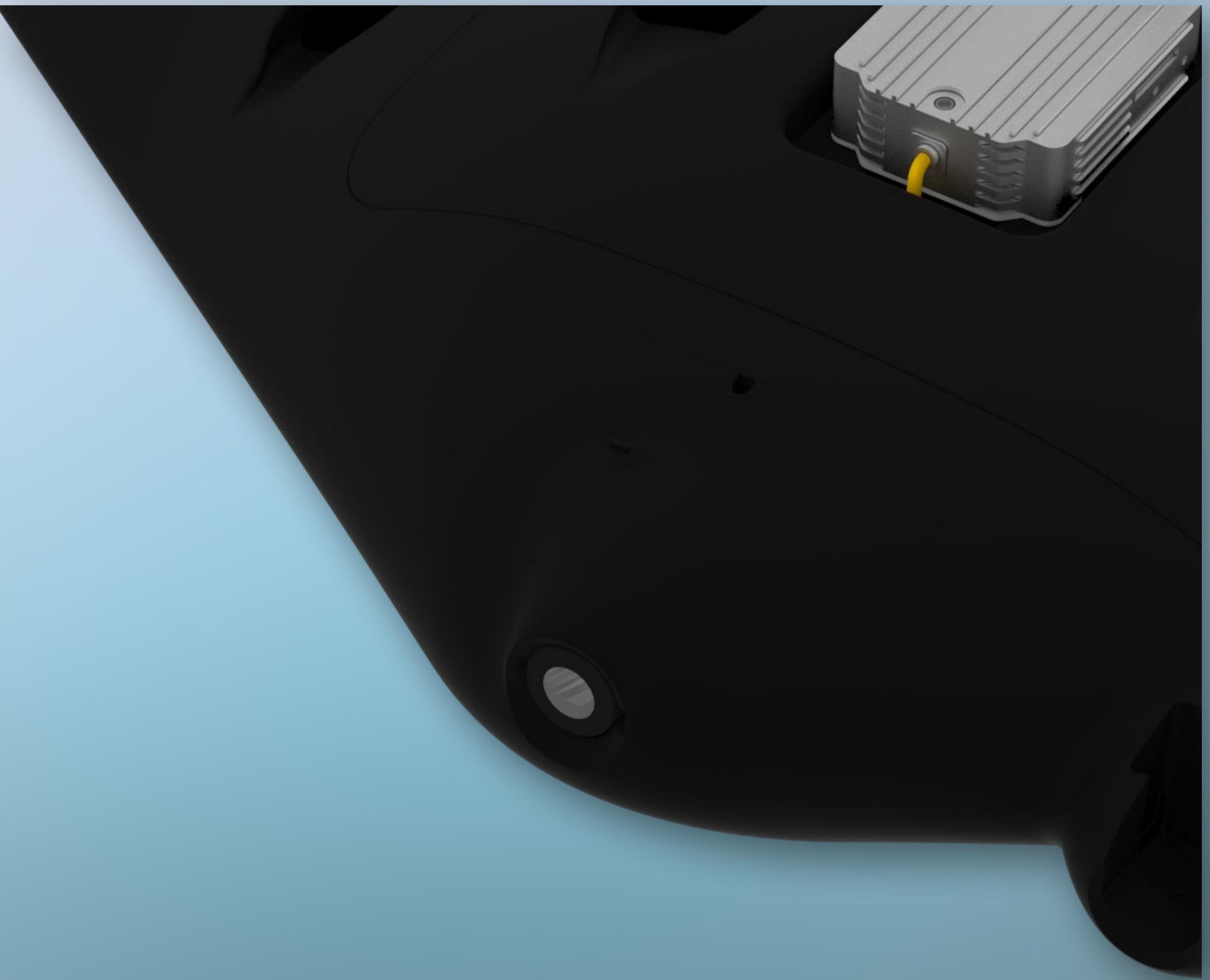
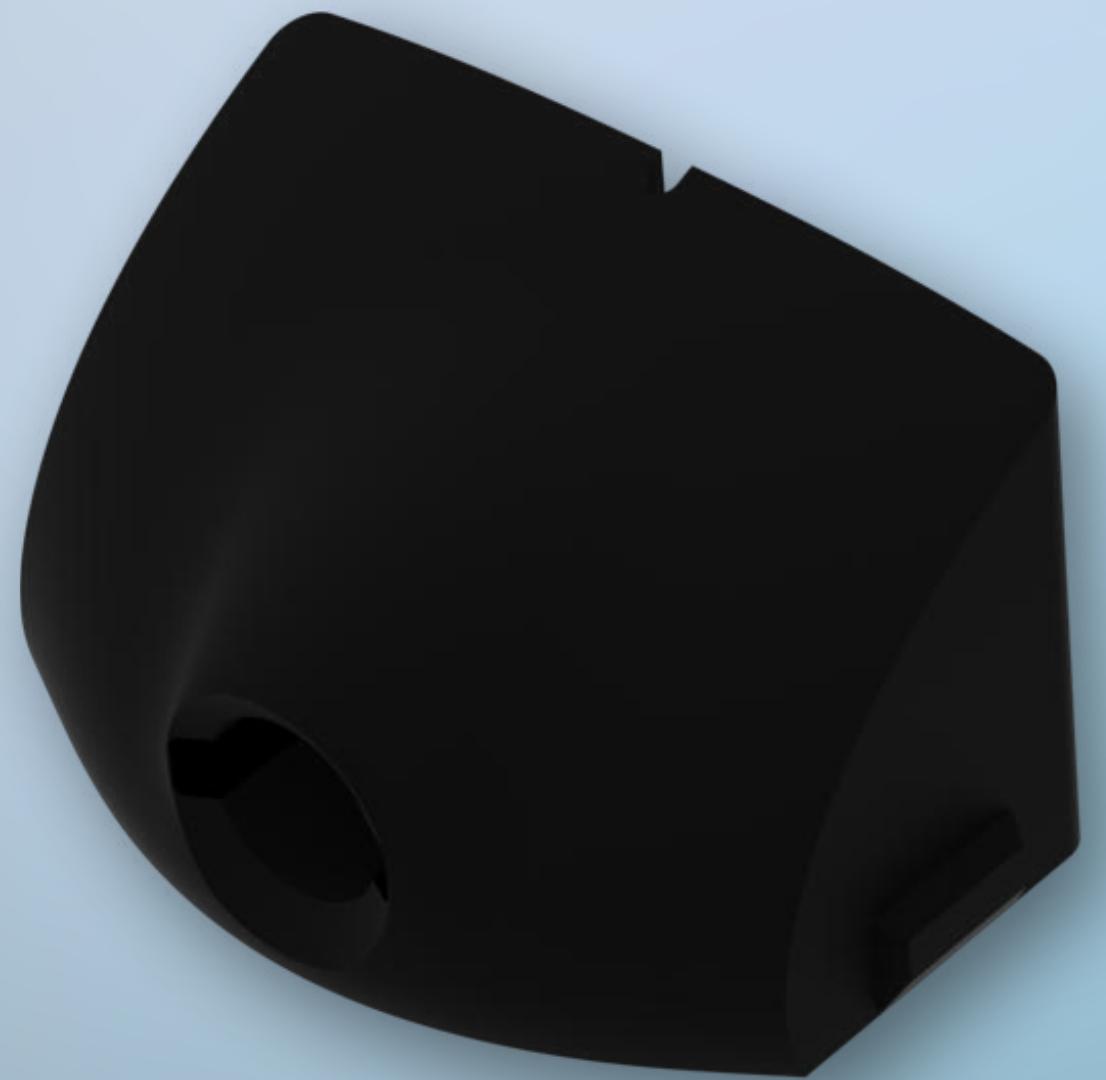
Details:

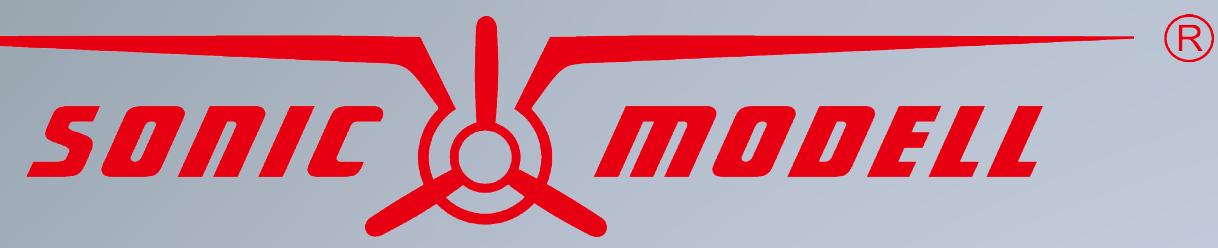
Two main hatches will add flexibility for deployment



Details:

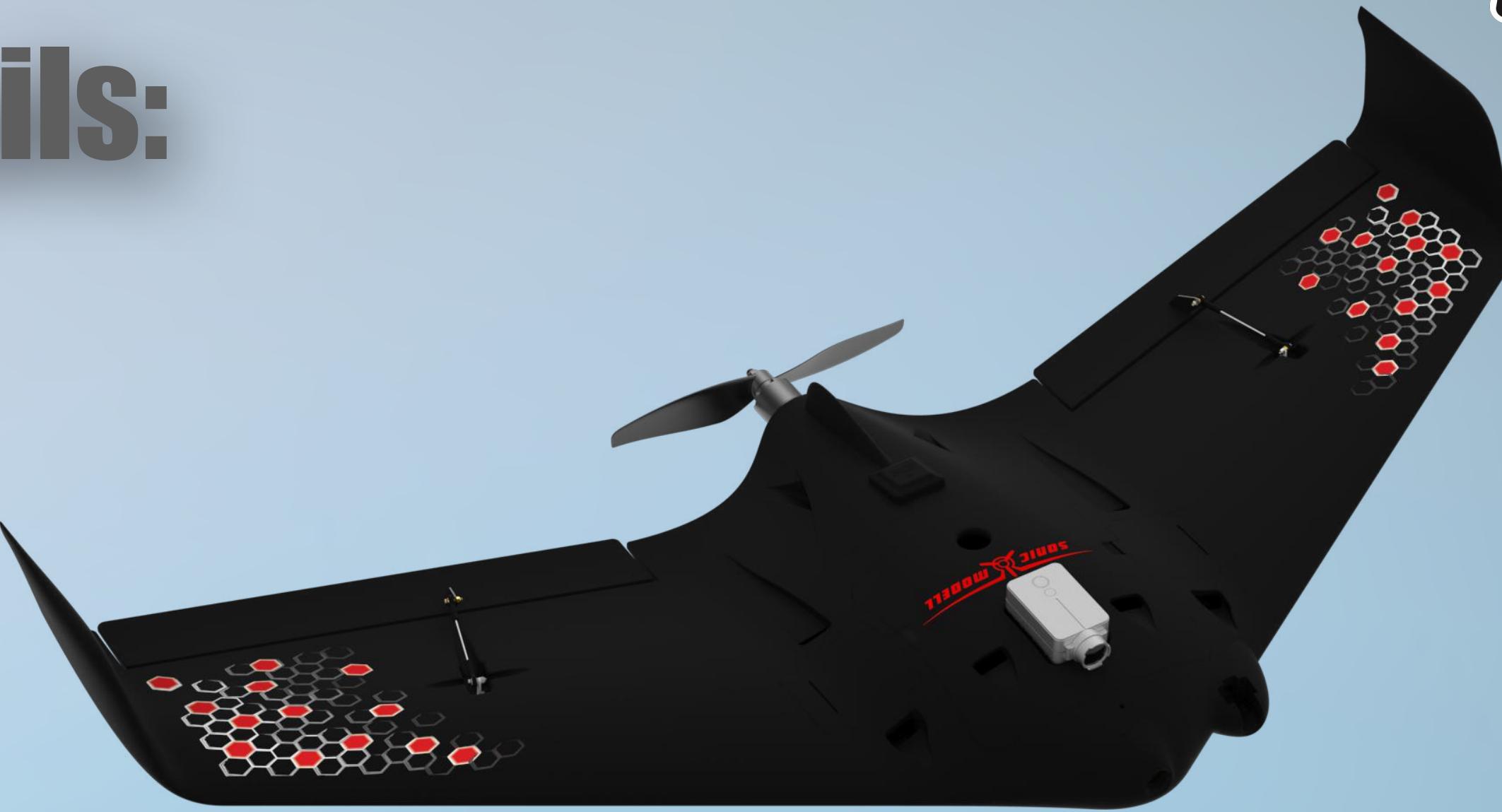
Install your DJI Camera
without removing the cable
with the dedicated DJI nose cone





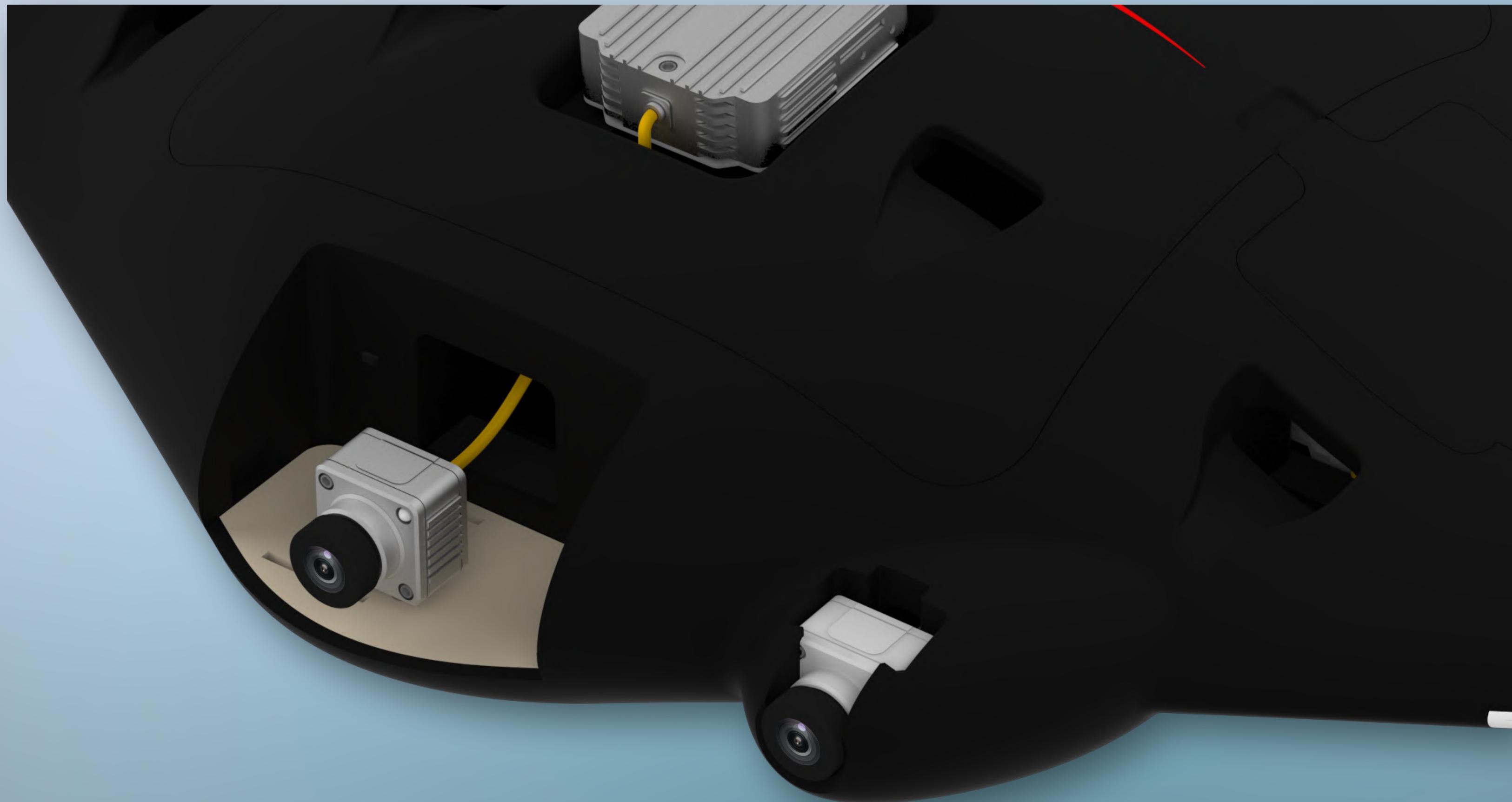
Details:

Install any classic HD camera
without compromising aerodynamics



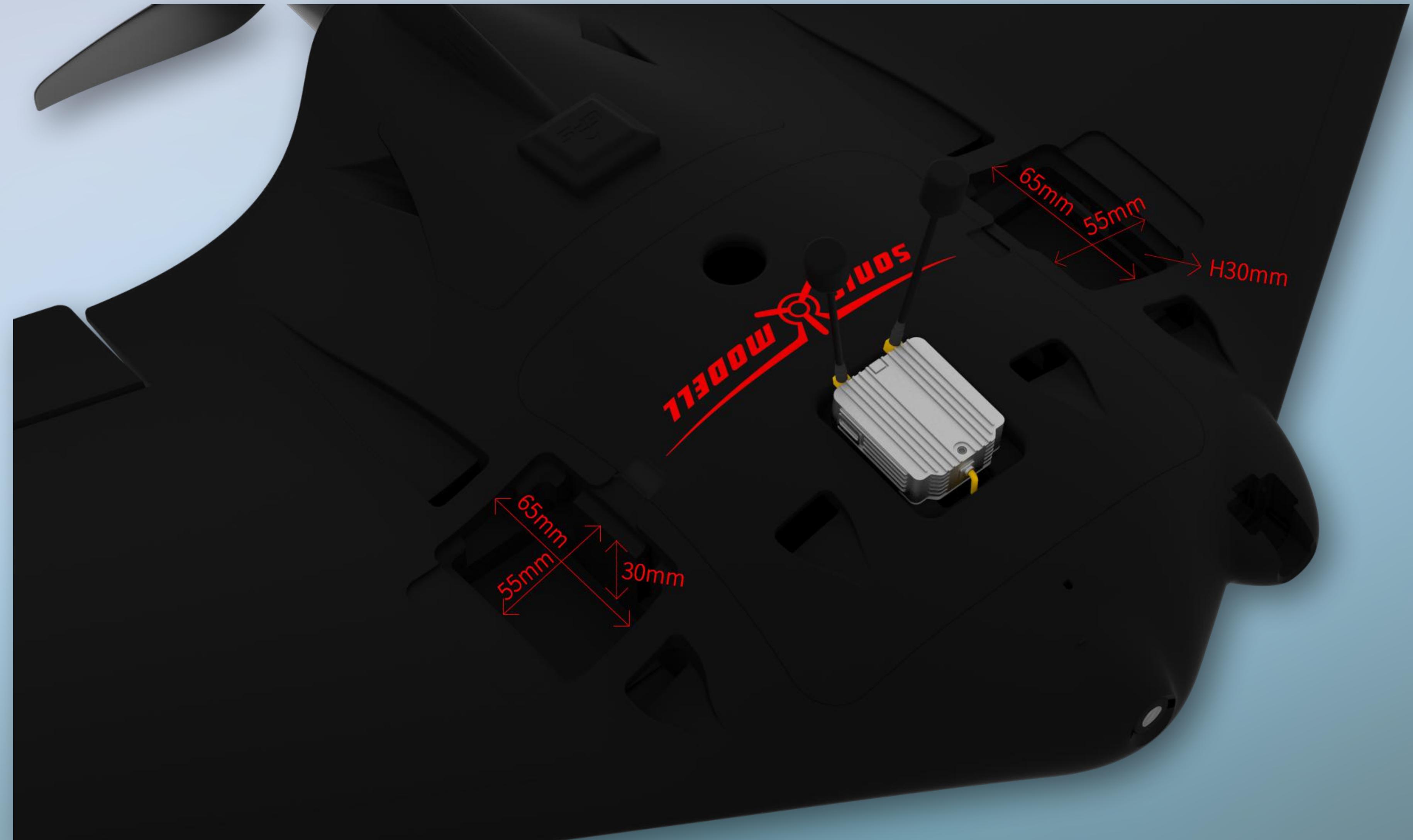
Details:

Countless options for installing
your FPV gear



Details:

Original design for
Air-cooled side pockets
will keep even the hottest
VTX nice and cool

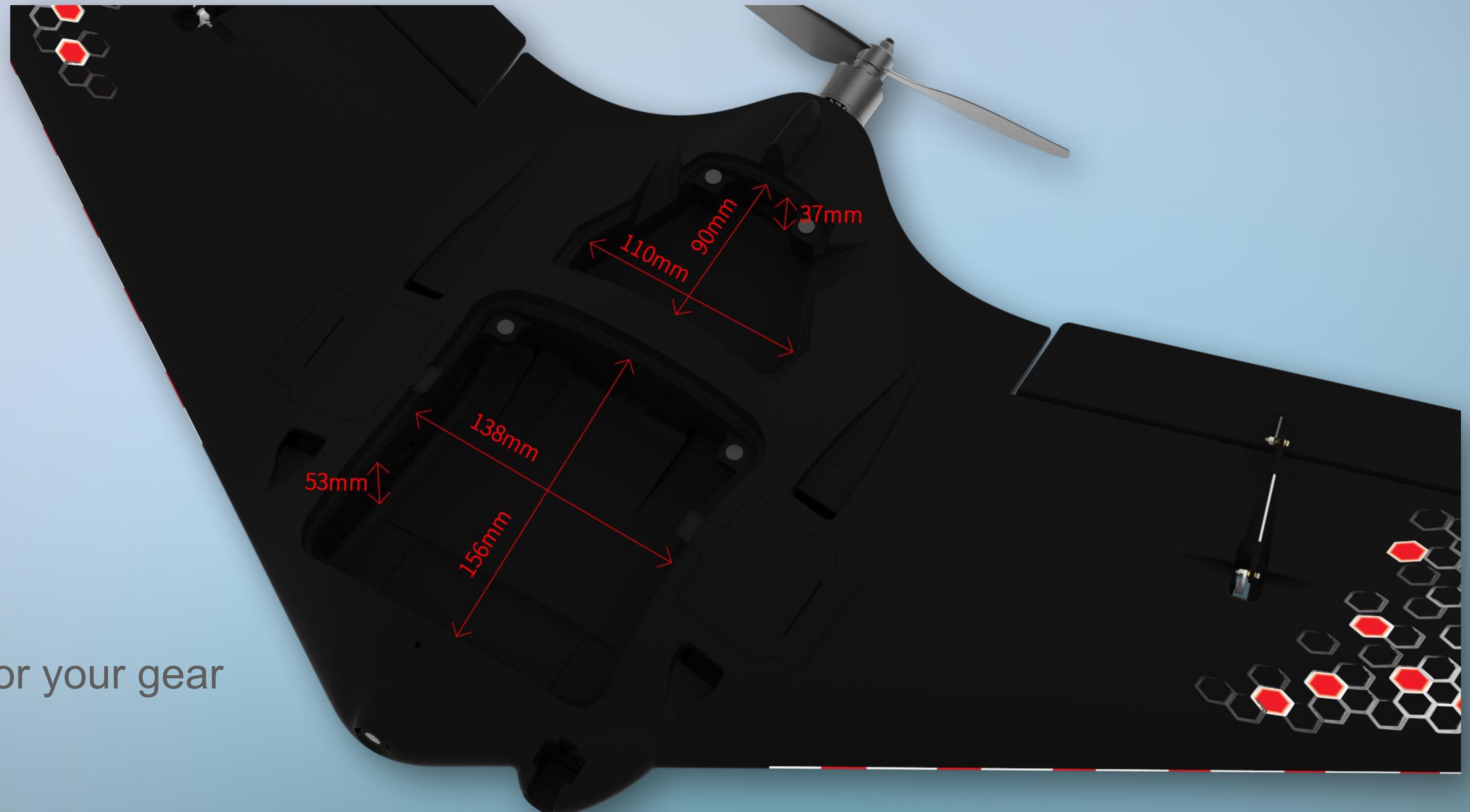


Details:



If all the in-fuse space offered was not enough, you still have the classic under-wing pockets to keep adding gear

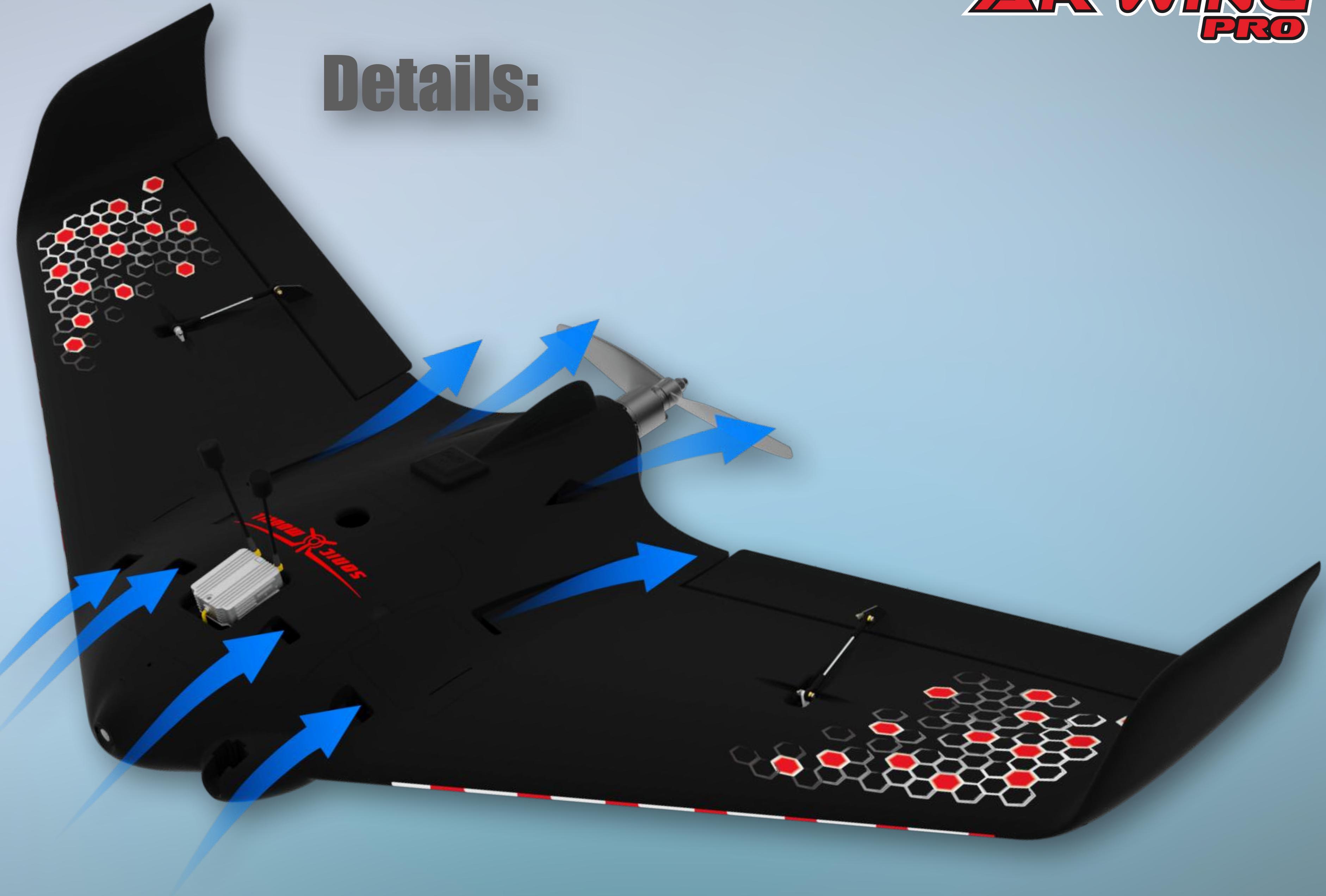
Details:



Generous space for your gear

Details:

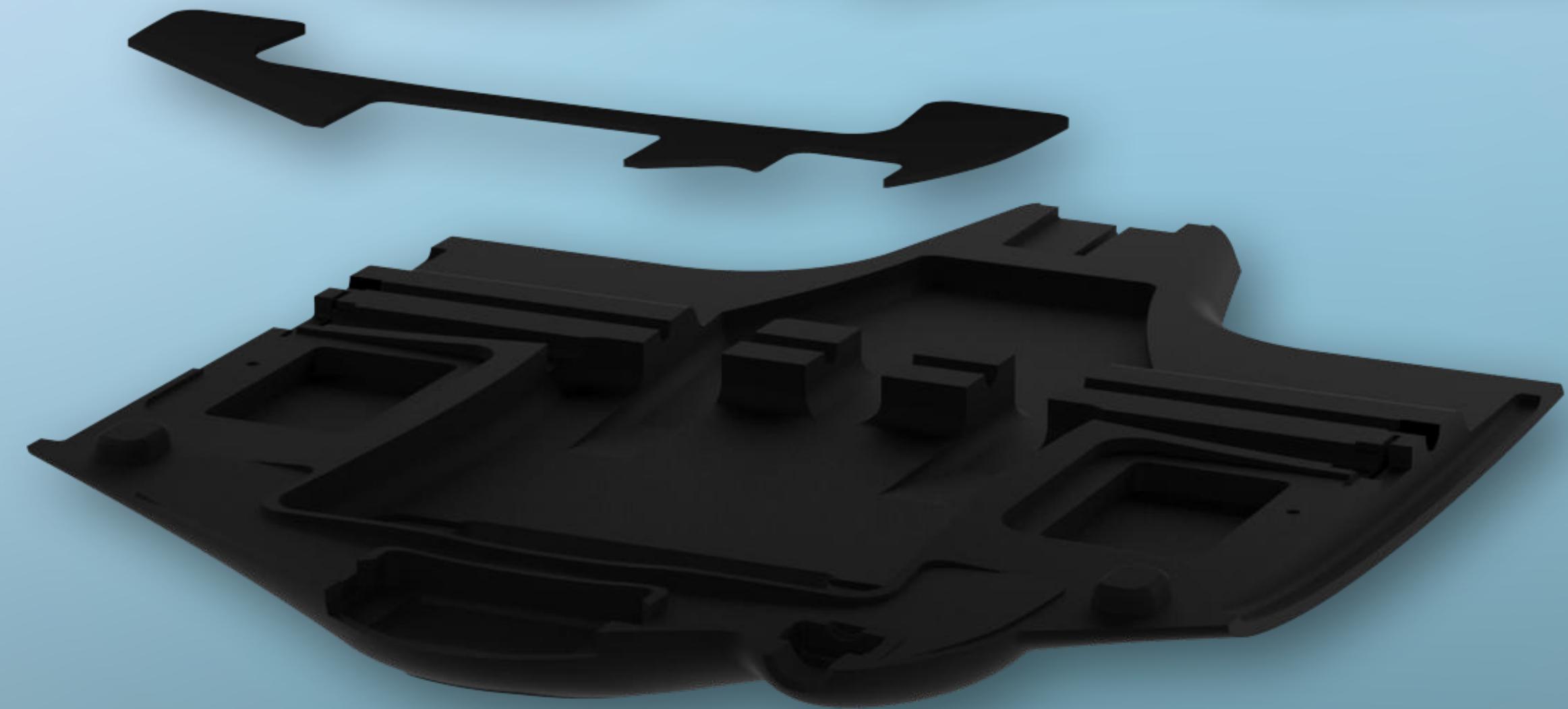
The main core of
the AR Wing PRO:
Great cooling
and
Aerodynamics



Details:

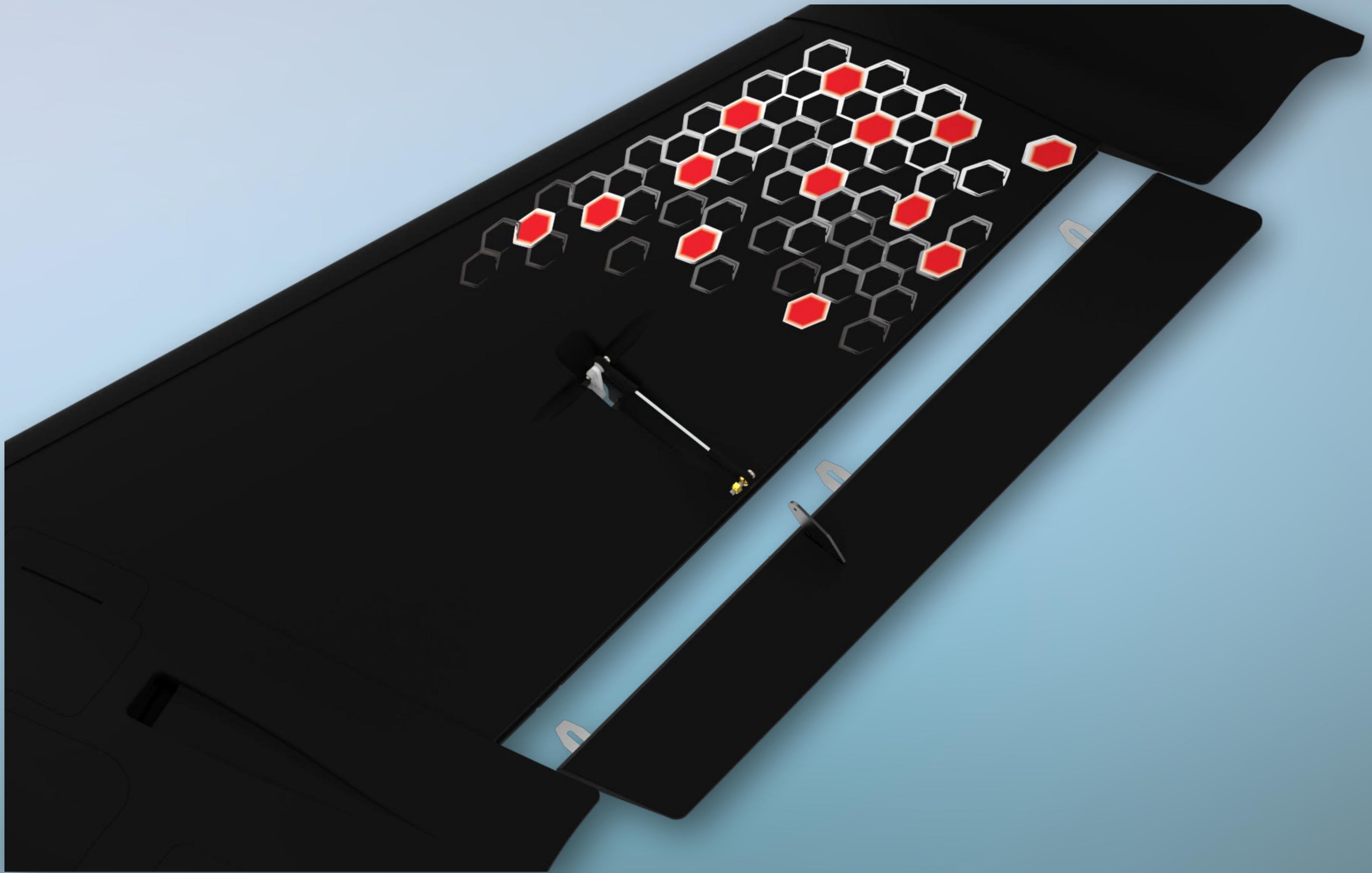


Main fuse and wings
reinforcements



Details:

CF reinforcements for
ailerons, CA hinges and
ball link control rods for a
premium feel and
performance



Gallery:



Gallery:



Gallery:



Gallery:



Gallery:



Gallery:



Gallery:

