



# VIPER

**SEE FIRST.  
ACT FIRST.**

VIPER is a modular UAV, purpose-built to arm any ground force with simple, flexible and lethal precision firepower.

|           |           |
|-----------|-----------|
| PAYLOAD   | 1.2 kg    |
| RANGE     | >5 km     |
| ENDURANCE | 18-22 min |
| SWARM     | Enabled   |

# VIPER

A modular and scalable airframe UAV, supporting a variety of missions from a single platform.

## 01 PURPOSE-BUILT FOR THE OPERATOR

Integrated modular attachment for weapon systems that can be rapidly deployed and effectively operated with minimal training.

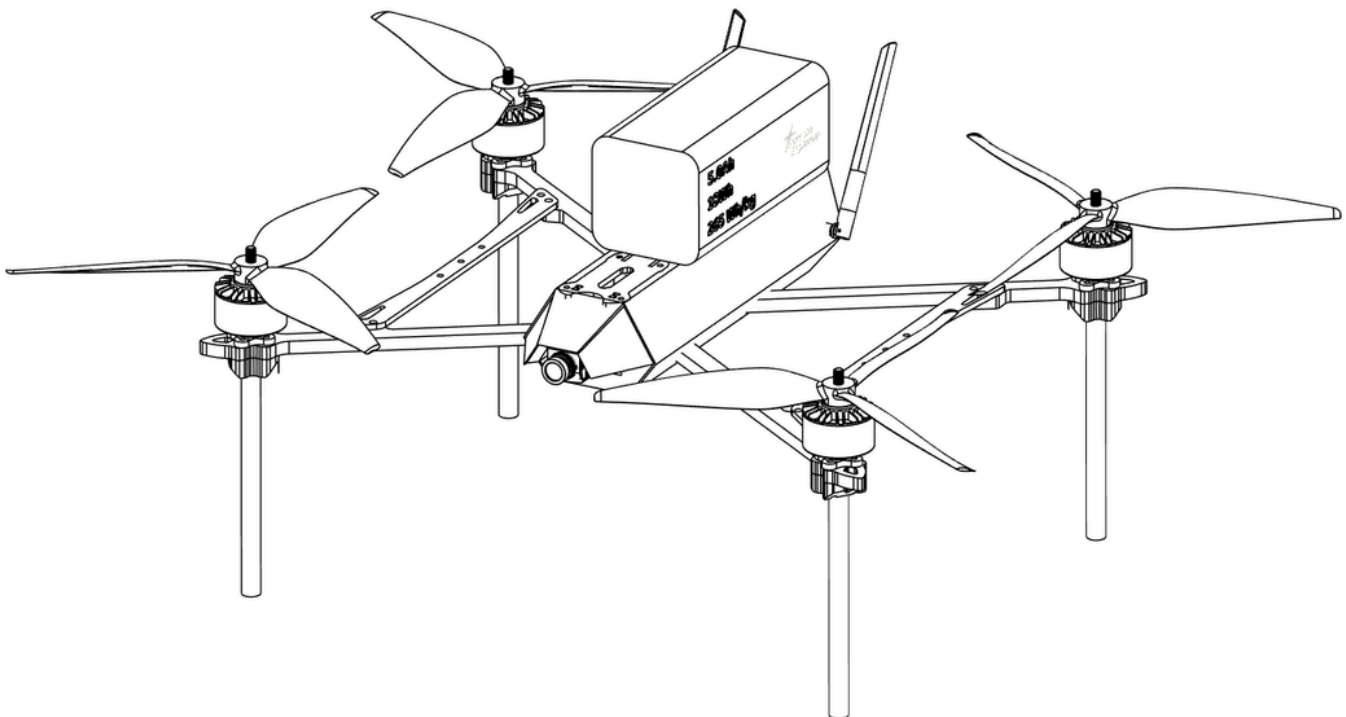
## 02 SWARM-ENABLED SYSTEM

From the day of deployment, it is ready to perform swarm missions collaboratively with similar drones, for mass effect.

## 03 AUTONOMOUS CAPABILITIES

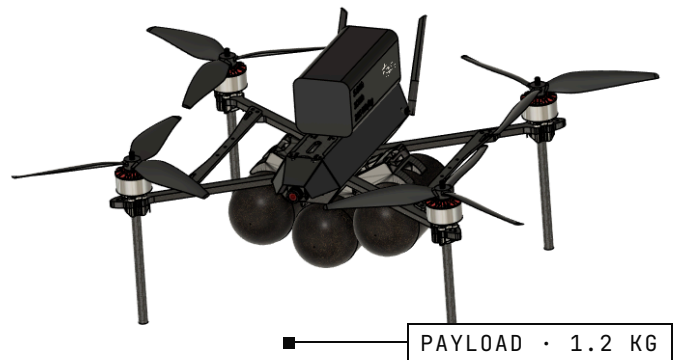
Using a pre-programmed path and actions, it can perform autonomous missions such as payload dropping or surveillance.

FIG. 01 – VIPER AIRFRAME



# 1.2<sub>kg</sub>

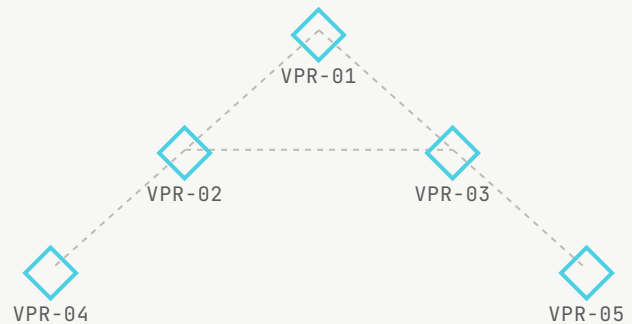
PAYLOAD CAPABILITY



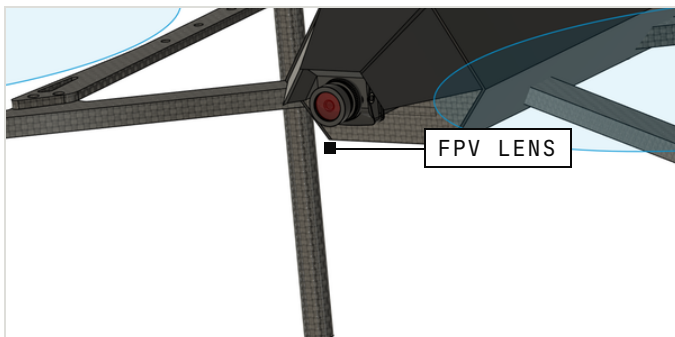
# SWARM

ENABLED DRONES

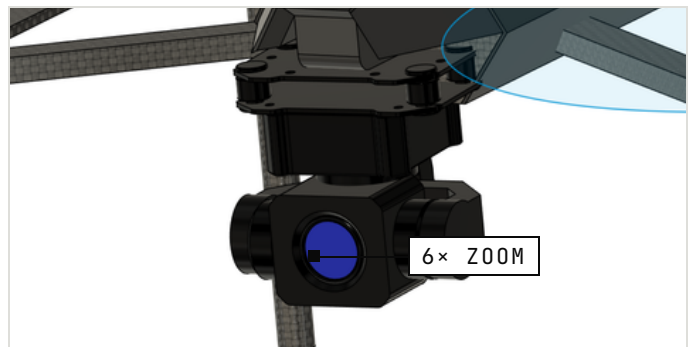
FIG. 02 - SWARM FORMATION



MODULAR CAMERA ATTACHMENT



FPV CAM

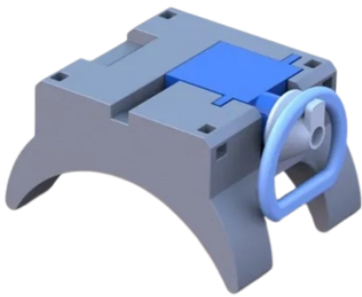


GIMBAL CAM

6x ZOOM

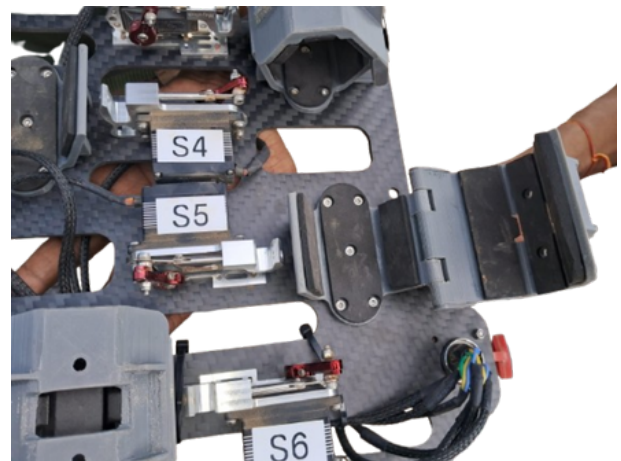
# PAYLOAD DROPPER

FIG. 03A



COMPATIBLE WITH **30 mm, 34 mm, 38 mm and 42 mm**  
\*Customizable according to requirements

FIG. 03B



COMPATIBLE WITH **30 mm, 34 mm, 38 mm and 42 mm**  
\*Customizable according to requirements

## RANGE · TRANSMISSION

&gt;5 km

5+ km transmission range

## RANGE · EXTENDED

≤16 km

Up to 16 km range, extended through our external GCS-mounted device

## ENDURANCE

| PAYLOAD CONFIGURATION | PAYLOAD MASS | EST. AUW | PRACTICAL ENDURANCE |
|-----------------------|--------------|----------|---------------------|
| NO PAYLOAD            | 0 g          | ~2.14 kg | 18 – 22 min         |
| 1× PAYLOAD            | 800 g        | ~2.94 kg | 16 – 20 min         |
| 2× PAYLOADS           | 1.6 kg       | ~3.74 kg | 11 – 14 min         |

Measured at sea level, no wind, 25 °C, with 15% reserve, using 6S2P.

## WHAT'S INCLUDED IN THE BOX

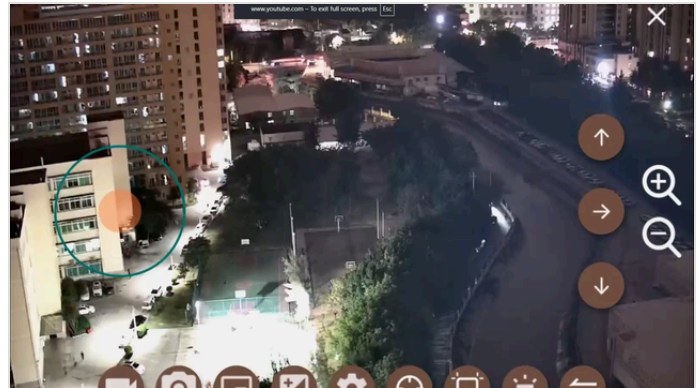
- 01 10-inch FPV
- 02 Optional remote controller
- 03 Two sets of batteries (5000 mAh each)  
Endurance figures measured with both supplied packs connected in parallel
- 04 Propeller set
- 05 Legs set
- 06 Accessories
- 07 Mountings
- 08 Drone case



## OPTIONAL THERMAL OPTIC



THERMAL VISION



NIGHTLIGHT VISION

## OPTIONAL TRAINING

|          |              |
|----------|--------------|
| SOLDIERS | 2 per system |
|----------|--------------|

|          |        |
|----------|--------|
| DURATION | 2 days |
|----------|--------|

2 soldiers per system can be trained by our deployed team members, who will train them on its full operational capabilities, along with minor repair methods, over 2 days.

# Thank you.

SEE FIRST. ACT FIRST.



### CONTACT

www.archanion.com  
 archanionengineering@gmail.com  
 +91-8587095775

### REGISTERED OFFICE

D4-304, Tower-20, SVP Gulmohar  
 Garden, Rajnagar Extn., Ghaziabad,  
 Uttar Pradesh-201017

### FACTORY

A65, Duhai Industrial Area,  
 Ghaziabad, Uttar Pradesh - 201206