



AMOS



# BEE

**Vigilant as a Hawk, Swift as a Bee**



Operational Range  
**Over 4 km**



Flight Time  
**Over 35 min**



Take-off Weight  
**Up To 3.5 kg**

## ABOUT

The name BEE itself explains a lot about our high altitude flying, military-grade drone. With a large payload-carrying capability, easy deployment durability and highly accurate GPS for tracking, BEE is the best in class for surveillance and scout focused missions



## OVERVIEW

**Range:** 4 km  
**Flight Time:** 35 mins  
**Take Off Weight:** 3.5 kg  
**Cruise Speed:** 12 m/s

## APPLICATIONS



ANTI  
TERROR



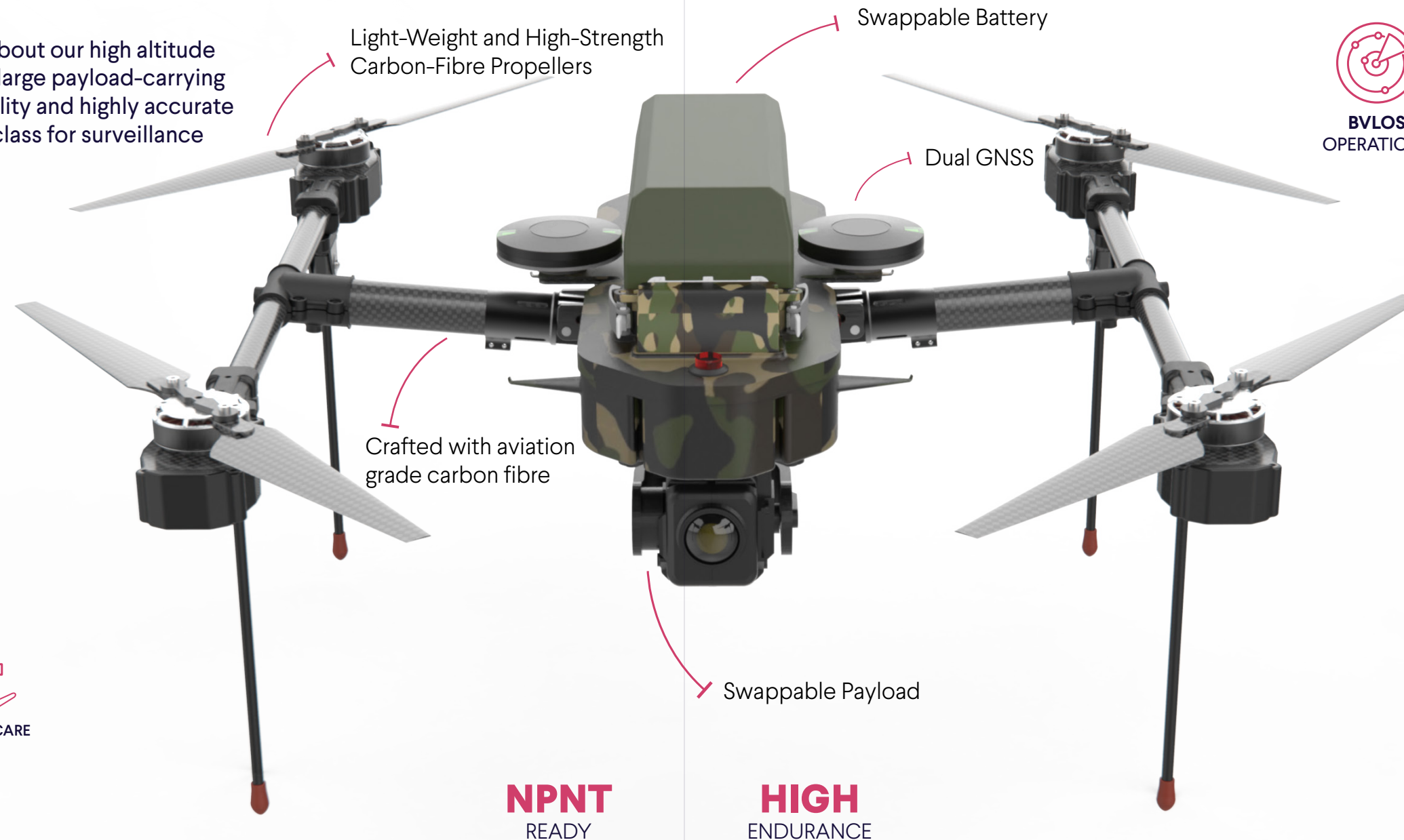
FOREST &  
WILDFIRE



DISASTER  
MANAGEMENT



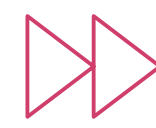
HEALTHCARE



BVLOS  
OPERATIONS



SCOUT  
DRONE



EASY  
DEPLOYMENT



## FAILSAFE FEATURES

On Communication Failure  
On Excessive Winds  
On Low-Battery

**NPNT**  
READY

**HIGH**  
ENDURANCE

# Ruggedised Military Scout

## GROUND CONTROL SYSTEM\*OPTIONAL

Our GCS enables absolute control over the UAV and provides a simple yet powerful interface companion to the BEE

- User Friendly and Simple for First Time Learners
- Easy Takeoff and Landing in Autonomous mode
- Flight Planning for predictable and repeatable mapping operations
- Live Display of Flight Parameters and Video
- Encrypted Communication
- Return-to-Home Features for Low Battery, High Winds



## PAYLOADS\*OPTIONAL

Best-In-Class Payloads, tested in extreme weather conditions and ruggedised to handle different terrains, at par with industry standards

● **LIVE** LOW LATENCY

1101110  
1010111  
1110011

128 BIT ENCRYPTION



64 GB STORAGE



### DAYLIGHT PAYLOAD

4K Camera  
10X Zoom High Definition Camera  
36X Zoom Electro-Optical Camera



### THERMAL PAYLOAD

320x240 Thermal Camera  
640x480 Thermal Radiometric Camera

## SPECIFICATIONS

With the best choice of surveillance drone, there's also the best in class GPS module with super accurate tracking and failsafe features which return the drone home in case of technical failures. As per the function of the drone it can be rapidly deployed without any problems. It also consists of telemetry capabilities along with live video transmission to another output source

### DETAILED SPECS

<b>MAX TAKE-OFF WEIGHT OF THE UAV</b>	LESS THAN 3.5 KG
<b>RANGE OF LIVE TRANSMISSION (LOS)</b>	3 KM (UN-OBSTRUCTED & INTERFERENCE FREE)
<b>TYPICAL CRUISE SPEED</b>	12 M/S
<b>FUNCTIONAL TEMPERATURE RANGE</b>	5 DEG C TO 50 DEG C
<b>DEPLOYMENT TIME</b>	< 5 MIN
<b>PACKING &amp; STORAGE</b>	SHOCKPROOF CARRY CASE
<b>WIND RESISTANCE</b>	UP TO 20 KNOTS OR 36 KM/H
<b>REGULATORY COMPLIANCE</b>	NPNT COMPLIANT
<b>SIZE</b>	660 MM

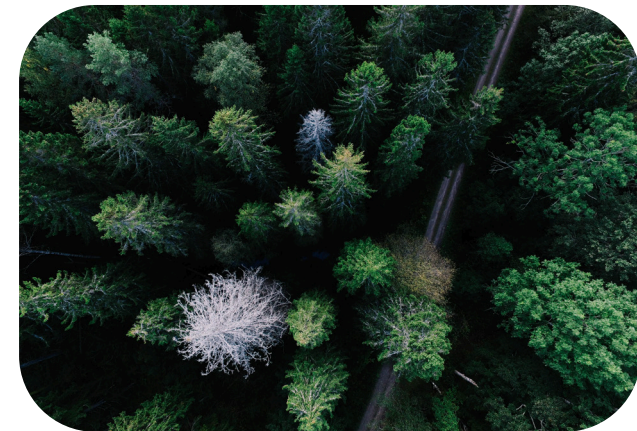
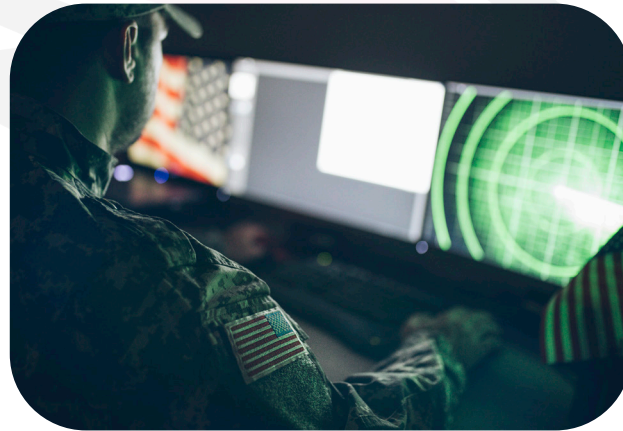
# Ruggedised Military Scout

## APPLICATIONS

Unmanned Aerial Vehicles in the last few years have seen new innovations and advancements. Its potential and uses are now being realised to effect change in various industries. Our drones are equipped with the capability to bring these advancements to your industry to achieve targets effectively and efficiently.

### ANTI-TERROR

BEE has been regularly involved with the military reconnaissance operations in the past few years. Having a really small learning curve, our drones aren't hard to learn and can be used in drastic conditions without the need of a proper platform to deploy it. Our continuous support extends beyond the call of duty.



### FOREST AND WILDFIRE

The payload technology of BEE can be used not just to identify faults and defects, but it can also assist greatly in providing 3D models, orthomosaic maps and high quality images. Monitoring and maintenance of assets is easier than ever with BEE which can be operated for a long time, eliminating the use of scaffoldings and ladders.

### DISASTER MANAGEMENT

BEE is equipped with the best-in-class endurance technology along with high carrying capacity which can carry very heavy payloads like food and water, making it very useful in situations of disaster. Planning the rescue operations would also be very efficient as the survey of affected areas becomes very fast and expansive.



### HEALTHCARE

BEE can be useful in providing medical help to people but can bring a massive change in the healthcare industry by reducing the workforce that would be required in order to provide people with healthcare. Hard-to-reach areas can be easily accessed by BEE to supply medicines, vaccines and other medical support to people who require it.

# Ruggedised Military Scout



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