



AMOS



# BEEBLE<sup>+</sup>

**The Flying Inspector**



Operational Range  
**Over 5 km**



Flight Time  
**Up To 35 min**



Take-off Weight  
**Up To 3 kg**

## ABOUT

The highly configurable BEETLE+ supports an array of payloads along with the ability to have night vision and thermal cameras. The higher the customization, larger the area of application, and therefore a better drone for our consumers. The BEETLE+ is a power horse in surveying, mapping, security & surveillance and more



## OVERVIEW

**Range:** 5 km  
**Flight Time:** Upto 35 mins  
**Take Off Weight:** Upto 3 kg  
**Cruise Speed:** 12 m/s

## APPLICATIONS



LAND SURVEYING



AGRICULTURE



CROWD MONITORING



ASSET INSPECTION



MULTIPLE STABILITY MODES



ACCURATE GPS MODULE



EASY DEPLOYMENT



## FAILSAFE FEATURES

On Communication Failure  
On Excessive Winds  
On Low-Battery

**NPNT**  
READY

**EASY**  
DEPLOYMENT

# GROUND CONTROL SYSTEM\* OPTIONAL

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

- > 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

Multiple Payloads, tested in different environments, ideal for Enterprises to make the most out of BEETLE+  
Zero delays in transmission ensures that BEETLE+ is always watching

- **LIVE** LOW LATENCY
- 1101110**  
**1010111**  
**1110011** 128 BIT ENCRYPTION
- 64 GB STORAGE

- DAYLIGHT PAYLOAD**  
4K Camera  
10X Zoom High Definition Camera
- THERMAL PAYLOAD**  
320x240 Thermal Camera  
640x480 Thermal Radiometric Camera
- MULTISPECTRAL PAYLOAD**  
Parrot® SEQUOIA

# SPECIFICATIONS

Never let your drone get lost with the failsafe features that make the drone return home in case of technical difficulties; all thanks to its accurate GPS integration. It doesn't just give a variety of payloads to choose from, but also lets you fly the drone for quite a lot of time

DETAILED SPECS	
<b>MAX TAKE-OFF WEIGHT OF THE UAV</b>	UP TO 3 KG
<b>RANGE OF LIVE TRANSMISSION (LOS)</b>	5 KM (UN-OBSTRUCTED & INTERFERENCE FREE)
<b>TYPICAL CRUISE SPEED</b>	12 M/S
<b>FUNCTIONAL TEMPERATURE RANGE</b>	-10 DEG C TO 50 DEG C
<b>DEPLOYMENT TIME</b>	< 10 MIN
<b>PACKING &amp; STORAGE</b>	BACKPACK
<b>SIZE</b>	460 MM
<b>REGULATORY COMPLIANCE</b>	NPNT COMPLIANT
<b>WIND RESISTANCE</b>	UP TO 20 KNOTS OR 36 KM/H



# Multirole Enterprise Drone

## 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.

### CONSTRUCTION

BEETLE+ is equipped with a rugged body and deployable in less than ten minutes make tasks like managing and monitoring sites seem like cakewalk. Being able to carry various types of payloads like thermal and night-vision payloads, makes it easier to identify construction faults which can then be rectified swiftly.



### AGRICULTURE

BEETLE+ has been made to handle itself under the extensive requirements that are posed on it during activities like site surveillance and providing specific details regarding the crops' health. It can be used for hours on end to get the best results during crop inspection.

### CROWD & TRAFFIC MONITORING

BEETLE+ would not just reduce the amount of on-road accidents or stampede incidents, but make for a very well working piece of technology that gives on-ground situational awareness at all times, providing comfort in activities like crowd control, traffic guidance, road monitoring and reading license plates.



### INDUSTRY ASSET INSPECTION

The payload technology of BEETLE+ 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 BEETLE+ which can be operated for a long time, eliminating the use of scaffoldings and ladders.

# Multirole Enterprise Drone



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