



**HUBBLEFLY**  
TECHNOLOGIES

# DD-500

MULTI-APPLICATION VTOL



## SURVEILLANCE, MAPPING & INSPECTION

### **HUBBLEFLY TECHNOLOGIES**

Hubblefly Technologies is a DGCA-authorized Drone Manufacturing Company that intends to develop an integrated Drone Eco-System, built around research, design, and manufacturing of drone and drone components.

[Hubblefly.com](https://www.hubblefly.com)

Images are for representational purposes only



VERSION  
**SURVEY**

The DD-500 is ideal for survey and mapping missions, delivering precise, large-scale geographic data with ease of deployment, seamless mission planning, and advanced fail-safe features, all operable by a single individual.

# DD-500

MULTI-APPLICATION VTOL

INDUSTRIES

-  **Real Estate**
-  **Infrastructure**
-  **Urban Planning**
-  **Mining**
-  **Agriculture**



### Survey of India

Technically Qualified



### Lightest VTOL

In it's segment



### Easy Portability

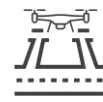
Single Unit Casing



**75 min**  
Endurance



**RGB/Multi-Spectral Sensor**  
Payload



**5 sqkm**  
per Flight Coverage



**X,Y<10cm**  
**Z<20cm**  
Accuracy



**<5 Min**  
Deployment Time

Images are for representational purposes only



VERSION

# SURVEILLANCE & INSPECTION

The DD-500 excels in surveillance and inspection tasks, offering reliable, real-time aerial monitoring and data collection with advanced fail-safe features, all managed by a single operator for efficient, large-scale operations.

# DD-500

MULTI-APPLICATION VTOL

## INDUSTRIES

-  **Oil & Gas**
-  **Power Line**
-  **Railway**
-  **Homeland Security**
-  **Disaster Management**



### 4G/5G Enabled

Technically Qualified



### BVLOS-Ready

In it's segment



### Easy Portability

Single Unit Casing



**75 min**  
Endurance



**Day-Night/  
Thermal**  
Gimbaled Payload



**20x**  
Zoom Capability



**Upto 100 km**  
Flight Range



**<5 Min**  
Deployment Time





DD-500 is a smart, electric, 5G enabled multi-purpose Hybrid VTOL platform built with multiple fail-safe and safety features, suitable for a range of large-scale commercial drone applications and long-range drone operations.

Its light-weight, easy portability and seamless mission planning facilitates a single-person operation.

# Multi-Application



## Precision Agriculture

Enables precise, efficient crop monitoring and management through advanced aerial imaging and data collection, enhancing agricultural productivity.



## Large Scale Mapping

Provides high-precision, large-scale mapping capabilities with advanced imaging technology, enabling efficient data capture for expansive geographical areas.

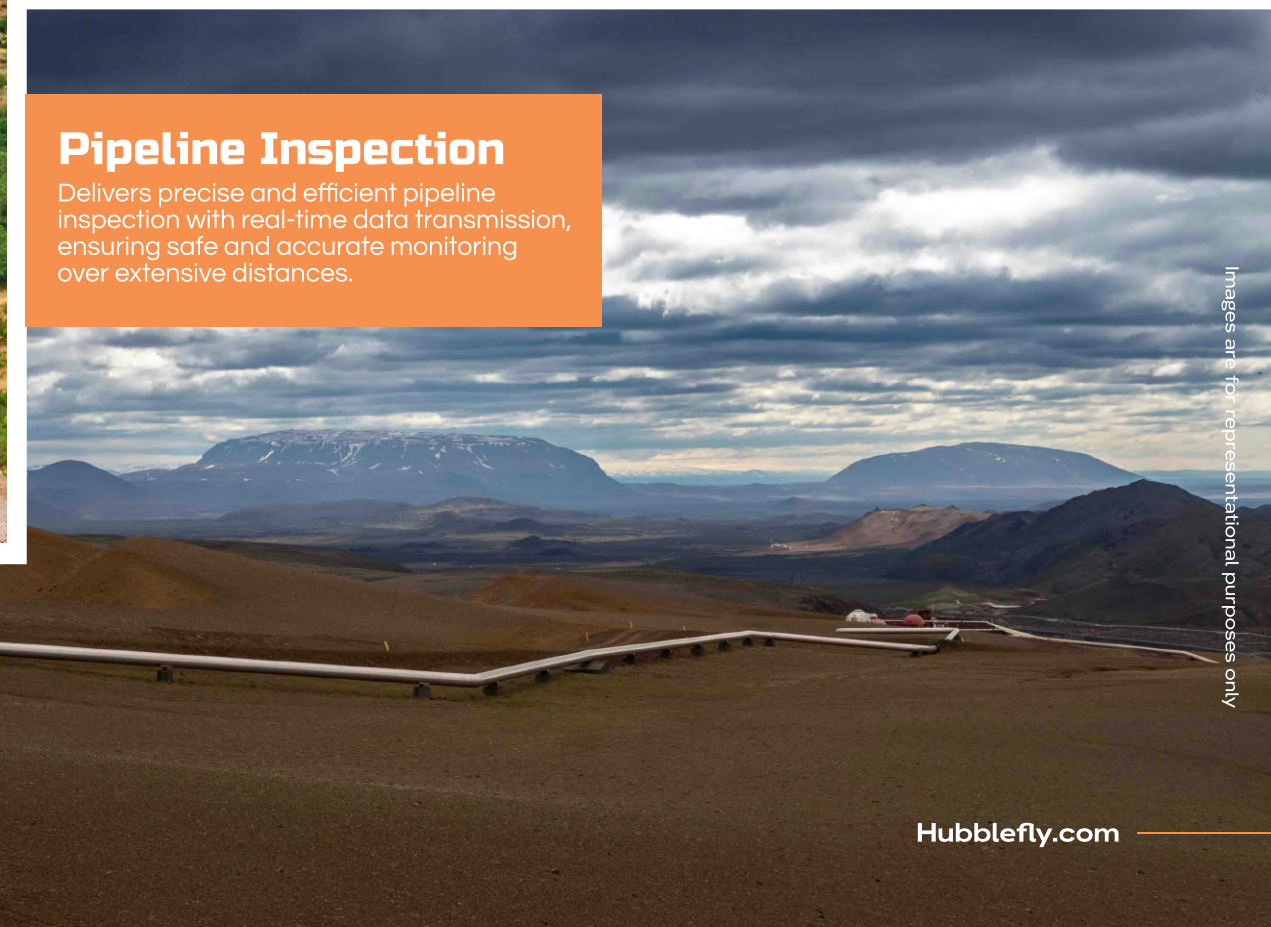
## Security & Surveillance

Offers rapid, reliable, and real-time aerial surveillance with advanced 5G connectivity, ensuring enhanced security and situational awareness over large areas.



## Pipeline Inspection

Delivers precise and efficient pipeline inspection with real-time data transmission, ensuring safe and accurate monitoring over extensive distances.



## Disaster Management

Provides rapid aerial assessment and real-time data for effective disaster management, enhancing response and coordination in emergency situations.







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**TECHNOLOGIES**

**SURVEILLANCE,  
MAPPING &  
INSPECTION**

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