



HUBBLEFLY
TECHNOLOGIES

STAREEDGE

PRECISION FROM ABOVE



SURVEY & MAPPING DRONE

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.

About

Introducing the Staredge, an industrial-grade electric rotorcraft designed for unmatched precision and reliability. As a DGCA Type-Certified aerial platform, Staredge redefines efficiency and safety in aerial operations, setting a new benchmark in the skies.

INDUSTRIES

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

STAREEDGE

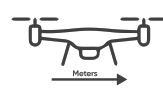
PRECISION FROM ABOVE



35 min
Endurance



RGB Camera
Payload



1 sqkm
Flight Coverage



4.35 kg
Payload Capacity



1 km
Range

Images are for representational purposes only

VERSION Survey



RGB camera
Payload



1 sqkm/Flight
Area Coverage



35 Min
Endurance



X,Y<10cm; Z<20
Accuracy

UAS DETAILS

Category/Sub-Category	Rotorcraft (RPAS)
Class	Small
Max. Payload	4.35
Overall Dimensions (lxbxh) in mm	1149 x 1149 x 410

PAYLOAD DETAILS

Compatible Payload	RGB Camera
Variable Load (Like fluid etc.)	None

PERFORMANCE DETAILS

Endurance (hr/m)	35 Minutes
Range (in Km)	1 Km
Speed (in m/s)	10.0 m/sec
Maximum Height (in ft)	400 ft
Operating Altitude (in ft)	400 ft
Operational Envelope	VLOS Day-Night Ops
Propeller Details (Dia, Max. RPM)	5445 RPM
Total Battery Capacity (kg)	5445 RPM

VERSION Training



40-45 Min
Endurance



1 Km
Range



None
Payload



Master-Slave
Buddy Box

POWER PLANT DETAILS

Engine/Motor	BLDC Motor
Power Rating	380 Watts
No. of Engines/Motors	4
Total Battery Capacity (kg)	16000 mAh
Propeller Details (Dia, Max. RPM)	16.4 in, 5.9, 5445

EQUIPMENT DETAILS

GNSS	Available
Autonomous Flight	Available
Flashing Anti-Collision Lights	Available
Flight Control Module	Available
Geo-Fencing Capability	Available



KEY Features



Multiple Fail Safe Features

RC Failure, Comm. Loss, Low Battery



RTL Flight Mode

Single Click Return To Home



Geo-Fencing Capability

To Keep your Drone Safe



Foldable Arm Design

For Easy Portability



Approved for Day & Night Ops

Equipped with Strobe Lights



Large Coverage

0.8-1 sqkm/ Flight



Drone Box

Easy to Carry Drone Box with Straps



Tool Kit

Basic Drone Maintenance Tool Kit



Buddy-Box

Remote Controllers For RPTO Training

About Staredge

Introducing the Staredge, an industrial-grade small electric rotorcraft engineered for exceptional precision and reliability. This aerial marvel stands out in its class with DGCA Type Certification, ensuring that it meets the highest safety and performance standards. The Staredge is designed to deliver unmatched efficiency in various aerial operations, from surveying and mapping to inspection and monitoring. Its robust design and advanced technology make it a versatile tool for industries that demand accurate and reliable aerial data.

With its lightweight yet durable construction, the Staredge is optimized for ease of use and rapid deployment in the field. Whether it's navigating complex urban environments, conducting detailed infrastructure inspections, or supporting agricultural needs, the Staredge offers unparalleled operational efficiency. The rotorcraft's cutting-edge features, combined with its emphasis on safety, set a new benchmark for small electric rotorcraft in commercial and industrial applications.

Applications

Introducing the Staredge, an industrial-grade electric rotorcraft designed for unmatched precision and reliability. As a DGCA Type-Certified aerial platform, Staredge redefines efficiency and safety in aerial operations, setting a new benchmark in the skies.

Precision



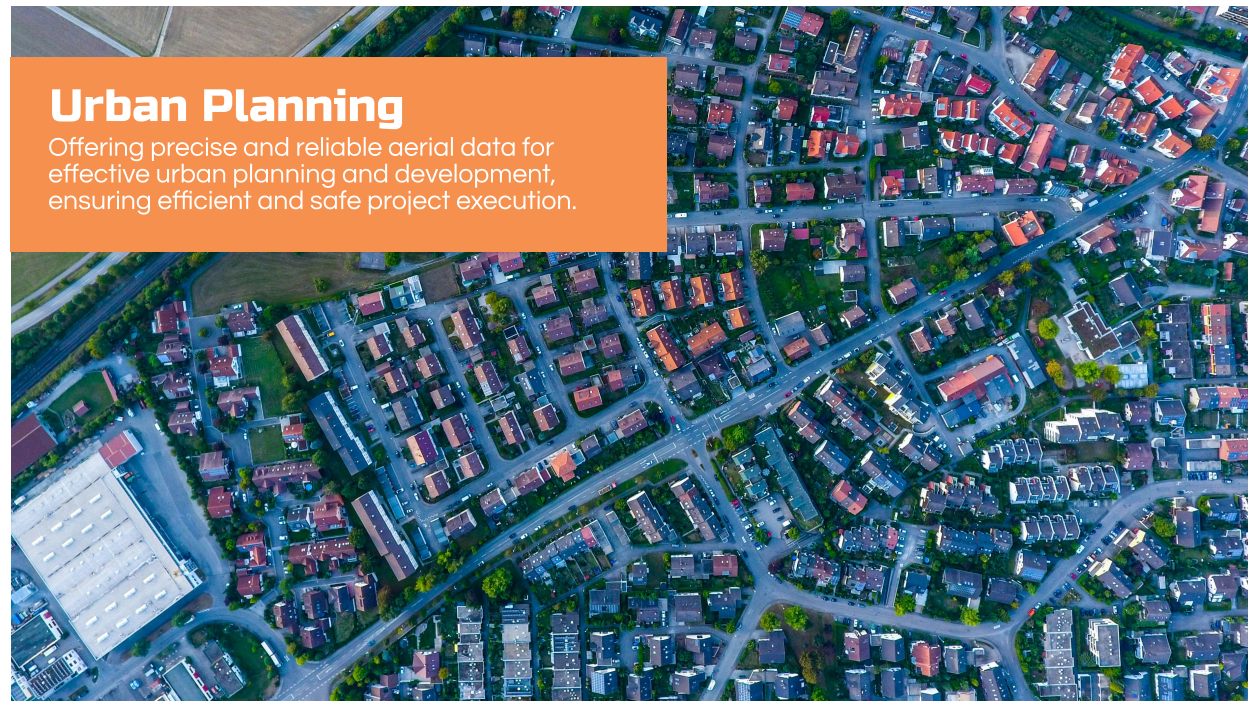
Mining Operations

Providing precise and reliable aerial surveys and inspections tailored for efficient and safe mining operations



Urban Planning

Offering precise and reliable aerial data for effective urban planning and development, ensuring efficient and safe project execution.



Infrastructure

Delivering precise and dependable aerial inspections for infrastructure projects, enhancing efficiency and safety in construction and maintenance.



Real Estate

Providing accurate and reliable aerial imagery for real estate, enhancing property evaluations and marketing efforts with precision and efficiency.



Agriculture

Delivering precise and reliable aerial insights for agriculture, optimizing crop management and monitoring with efficiency and safety





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