RAPHE
mPhibr

प्रत्यक्षं किम् प्रमाणं

BHARAT

Manportable versatile surveillance UAV

Flight time
45 mins

Mission range
15 kms

Payload
Up to **1.5 kg**

Speed
45km/hr

Operational altitude
3000m

RAPHE mPhibr

प्रत्यक्षं किम् प्रमाणं

BHARAT

Manportable versatile surveillance UAV

UAV FEATURES

Capable of carrying gimbalized EO/IR cameras

Multiple failsafe features

Anti-drone tech resilient

Negligible noise and radar cross section at 250m

Bio-mimetic design

Raphe mPhibr Pvt Ltd

India's first research led UAV manufacturing company

Development cum Production Partner of Ministry of Defence, India

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प्रत्यक्षं किम् प्रमाणं

mR10

High Endurance EO/IR Surveillance UAV

Flight time
Up to **85 mins**

Mission range
Up to **35 kms**

Payload
Up to **10 kgs**

Speed
Up to **60km/hr**

Operational altitude
Up to **3000m**

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प्रत्यक्षं किम् प्रमाणं

mR10

High Endurance EO/IR Surveillance UAV

UAV FEATURES

Capable of carrying sophisticated EO/IR cameras

Anti-drone tech resilient

Long range operations using auto tracking antenna

Capable of withstanding gusts

Negligible noise and radar cross section at 800m

Auto-tracking antenna for extended range

Long range real-time video transmission

Gimbalized IR sensor

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mR10 X8

High Endurance Surveillance UAV

Flight time
Up to **70 mins**

Mission range
Up to **20 kms (one way)**

Payload
Up to **5 kgs**

Speed
Up to **60km/hr**

Operational altitude
Up to **3000m**

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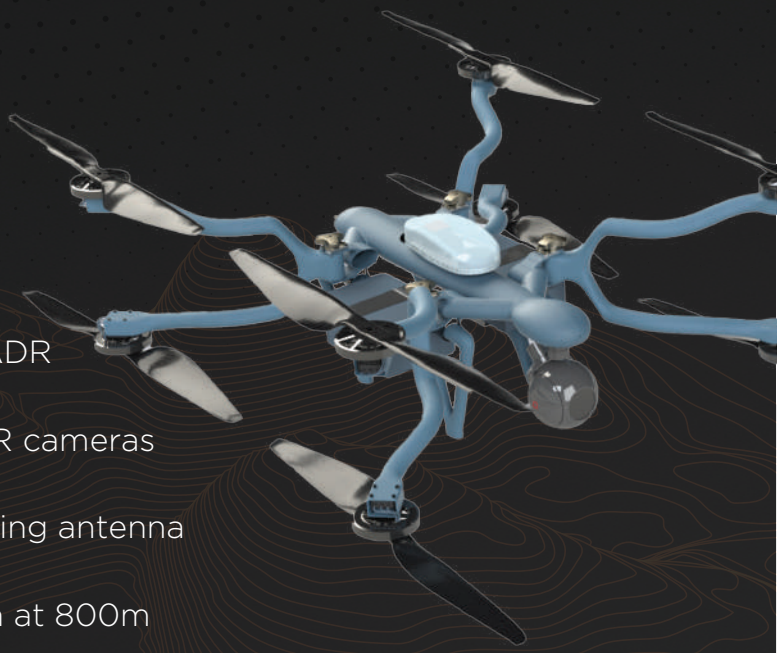
mR10 X8

High Endurance Surveillance UAV

UAV FEATURES

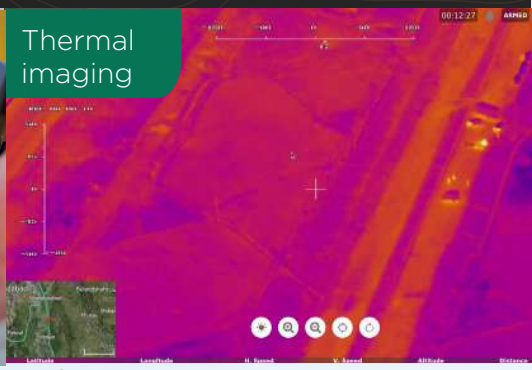


- Collapsible coaxial quadrotor designed for small team operations
- Configured to carry 5kg payload for HADR
- Capable of carrying sophisticated EO/IR cameras
- Long range operations using auto tracking antenna
- Negligible noise and radar cross section at 800m

Auto-tracking antenna for extended range

Long range real-time video transmission

Thermal imaging



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mR20

Heavy Lift Logistics UAV

Flight time
Up to **40 mins**

Mission range
Up to **10 kms**

Payload
Up to **35 kgs**

Speed
Up to **54km/hr**

Operational altitude
Up to **4000m**

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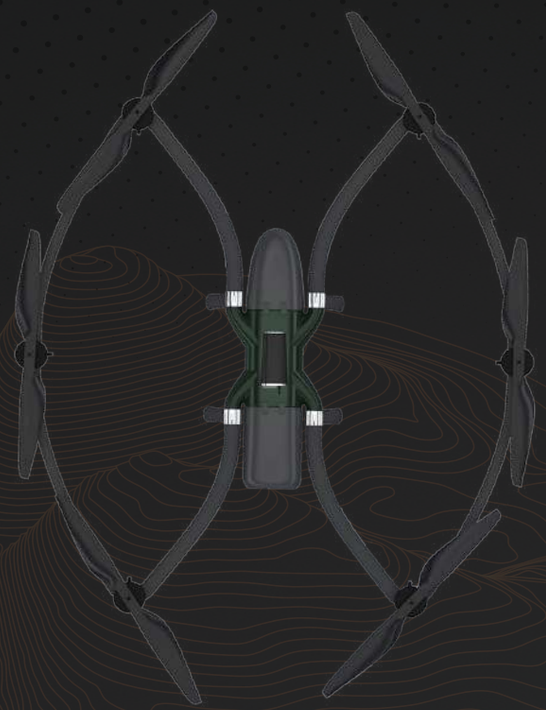
प्रत्यक्षं किम् प्रमाणं

mR20

Heavy Lift Logistics UAV



UAV FEATURES

Designed for carrying logistics load to remote locations

Capable of carrying 35kg of awkward loads

Anti-drone tech resilient

Capable of withstanding gusts

Geo-fencing capability

Long range real-time video transmission

Precision landing in adverse terrain

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