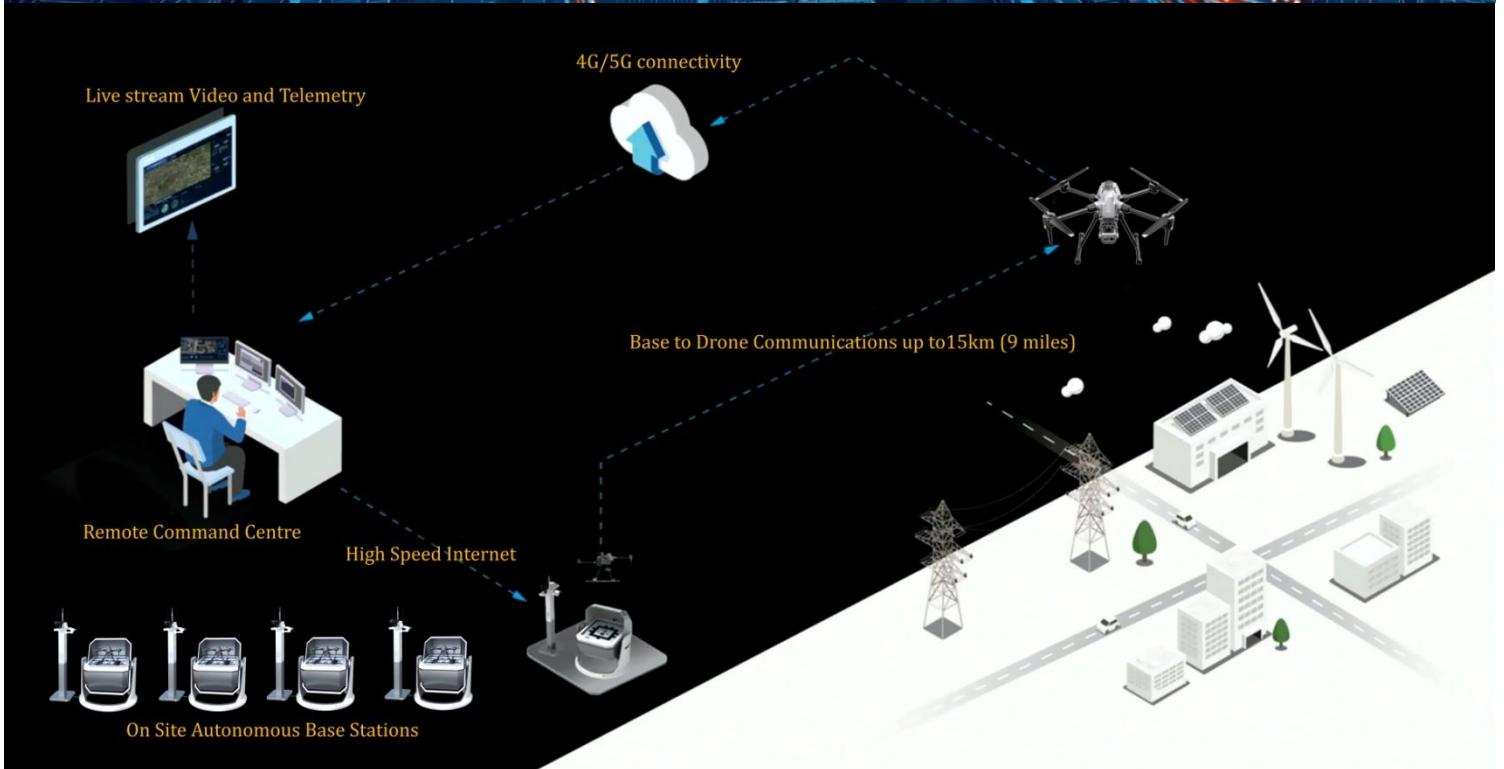
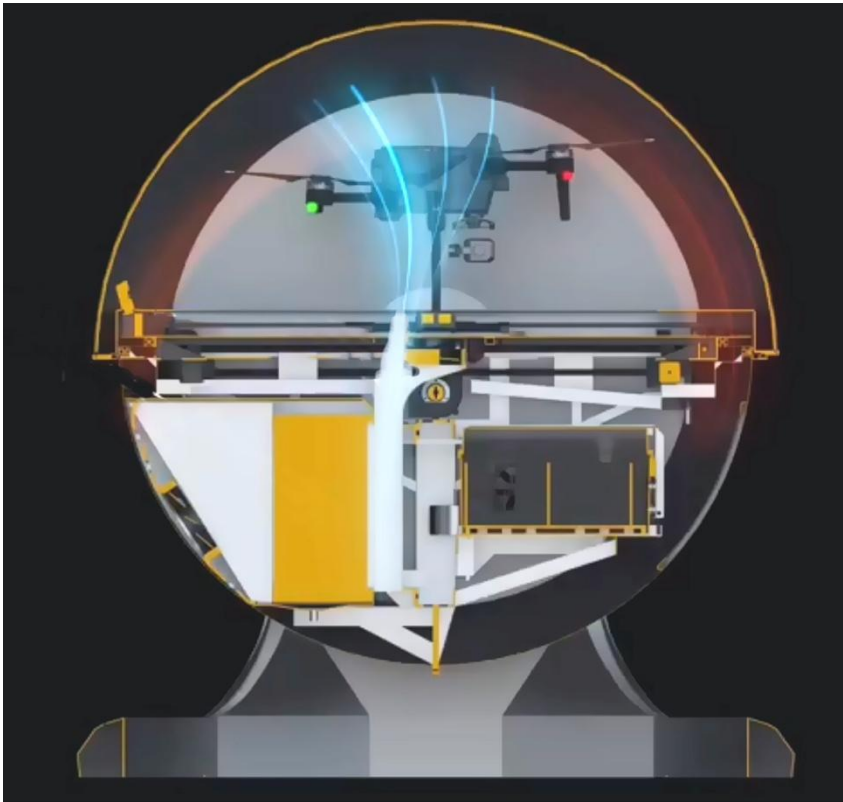


## Remote Piloted Autonomous Drone Systems



## Drone Base Station



- All weather enclosed base station housing
- Climate controlled interior
- IP54 rated
- Internal UPS
- Automated drone re-charging system
- Precision self aligning landing system
- Connected weather station
- Command centre CCTV view inside housing
- Command centre CCTV view outside
- Snow build is discarded when the lid rotates open



Closed system

Opening the enclosure



deploying the drone

**The Drone and System Components**



## Drone Payloads

Quad Sensor night vision and thermal



- 48 Megapixel RGB with optical zoom 18x
- Infra-red night vision
- Thermal Imaging
- AI powered asset tracking
- Laser designator for accurate geolocation
- Dual operator mode (2 controllers)
- Integrated FPV camera in the payload mount system



## Manual Flight Control indoors (GPS Denied)

Embedded mmWave range detectors above, below and on all 4 sides provide collision avoidance for indoor GPS denied manual flights in complex spaces

