

# VECTIS M2 —RELAY—

## M-CLASS COMMUNICATIONS UAS

Modular. Networked. Mission-configurable.



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**4**

arms

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**4**

drives

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**Relay**

mission priority

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**IP**

network options

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### Communications first

VECTIS Relay M2 prioritises radio modules, antennas and communications network connectivity. The M2 quad platform, data link, power supply and ground segment are matched to the mission. An additional EO/IR payload can be integrated within the available installation, mass and power margins.

- **Relay as the primary role**

Radio modules and antennas define the mission configuration.

- **Shared M2 base**

Recon and Relay use the modular quad platform.

- **Additional EO/IR capability**

Sensor integration depends on space, balance and power margins.

- **Optional tether operation**

Vehicle module, cable, ground station and landing module are matched.

## ARCHITECTURE & CONFIGURATION

# 4

arms

# 4

drives

# Relay

mission priority

# IP

network options

### Platform & mission role

|                     |                                       |
|---------------------|---------------------------------------|
| Architecture        | Quadcopter, M2 platform               |
| Mission role        | Communications / relay                |
| Arms / drives       | 4 arms / 4 drives                     |
| Additional payload  | EO/IR or relay, within system margins |
| Dimensions          | Configuration-dependent; on request   |
| Empty weight        | Configuration-dependent; on request   |
| Take-off mass       | Configuration-dependent; on request   |
| Payload limit       | Configuration-dependent; on request   |
| Flight time         | Configuration-dependent; on request   |
| Propellers / drives | Configuration-dependent; on request   |

### Systems & integration

|                   |                                              |
|-------------------|----------------------------------------------|
| Data architecture | IP-based integration                         |
| Radio options     | Mesh / MANET, project-specific               |
| EO/IR             | Sensor and gimbal per configuration          |
| Mission computer  | Optional local processing / AI               |
| Ground segment    | GCS / C2 integration per project             |
| Power             | Battery and supply per system design         |
| Tether            | Optional; separate system matching           |
| TELEVATOR         | Compatible landing module required           |
| Cable / altitude  | Cable length is not guaranteed flight height |
| Scope of supply   | As agreed for the system configuration       |

### SELECTION AND DIFFERENTIATION

- Recon prioritises sensors; Relay prioritises communications.
- Additional functions require installation, mass and power margins.
- Mesh/MANET, GCS/C2 and optional AI are not exclusive variant features.
- The M2 quad platform is the shared base for Recon and Relay.
- Flight performance applies only to the agreed system and payload configuration.
- Image shows an illustrative configuration; scope of supply depends on the project.

Technical limits are defined with the configuration. Technical changes reserved.