VECTIS R M2 — RELAY

COAXIAL COMMUNICATIONS PLATFORM

Modular. Networked. Mission-configurable.

Four arms | Eight drives | Relay mission priority

4	8	Relay	IP
arms	drives	mission priority	network options

R platform for communications

VECTIS R Relay M2 prioritises communications modules and antennas on the coaxial R platform. Four arms carry eight drives. Data link, power supply and optional EO/IR sensors are integrated together. Battery operation and optional tether integration each depend on the limits of the matched overall configuration.

- **Coaxial octocopter**

  Four arms with eight drives in total.

- **Relay as the primary role**

  Communications payload and antennas guide configuration.

- **Additional EO/IR capability**

  Sensors can be integrated within the system margins.

- **Dedicated tether design**

  Ground station, cable and vehicle module must match the R variant.

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Platform & mission role

Architecture	Coaxial octocopter
Mission role	Communications / relay
Arms / drives	4 arms / 8 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	No standard landing-ring compatibility
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.
- R geometry and eight drives distinguish R from the quad base.
- 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.