VECTIS R M2 —RECON—

COAXIAL RECONNAISSANCE PLATFORM

Modular. Networked. Mission-configurable.

Four arms | Eight drives | EO/IR mission priority

4	8	EO/IR	IP
arms	drives	mission priority	network options

R platform for reconnaissance

VECTIS R Recon M2 combines a coaxial octocopter architecture with a prioritised EO/IR mission payload. Four arms carry eight drives. Sensors, data link, power supply and additional communications modules form one coordinated configuration. Payload limits and flight performance are defined for that specific system.

- **Coaxial octocopter**

  Four arms with eight drives in total.

- **Recon as the primary role**

  EO/IR sensors and observation requirements guide configuration.

- **Additional relay capability**

  Extra radio modules within the available system margins.

- **Dedicated system design**

  R-specific geometry and integration are assessed separately.

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Platform & mission role

Architecture	Coaxial octocopter
Mission role	EO/IR reconnaissance
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.