

VECTIS M2 -RECON-

TACTICAL M-CLASS RECONNAISSANCE UAS

Modular. Networked. Mission-configurable.

**40**

min

flight time up to

8.5

kg

MTOW

5+

km

LOS

2×

6S

redundant power

Reconnaissance as a networked system

VECTIS Recon M2 prioritises EO/IR sensors on the modular M2 quad platform. Air vehicle, data link and mission processing form one coordinated system. Additional relay modules can be integrated within the available installation, mass and power margins. Recon and Relay share the platform base with different mission priorities.

■ Modular EO/IR payloads

Sensors are selected to match range, observation task and mission profile.

■ IP-based networking

Video, telemetry and mission data can be carried over scalable data links.

■ Robust flight platform

Redundant power and thermally stabilized flight control support professional missions.

■ Flexible system integration

Payloads, mission computers, GCS and UMS connectivity are configurable.

TECHNICAL CORE DATA

40

min

flight time up to

14

m/s

wind resistance

5+

km

LOS

IP54

protection level

Platform & flight performance

Configuration	Quadcopter, modular M2 platform
Empty weight	Per configuration; on request
MTOW	8.5 kg
Motor diagonal	approx. 900 mm (reference)
Characteristic size	approx. 1,400 mm
Propellers	18 or 20 inch, configuration-dependent
Maximum speed	up to 41 km/h
Climb rate	up to 4 m/s
Operating altitude	up to 4,000 m ASL
Temperature	-20 °C to +50 °C

Systems & integration

Power	2× 6S, redundant supply
Navigation	GNSS/RTK; resilient options
Flight control	3 IMUs, temperature-compensated
Data link	IP / MANET / mesh, encrypted
Video	RTSP; H.264/H.265; KLV optional
Payload	modular EO/IR configurations
Mission computer	Docker/AI capable, optional
Integration	MAVLink 2; GCS / C2 / UMS
Operating modes	battery; tether optional
Logistics	case, backpack, MOLLE/PALS

CONFIGURATION OPTIONS

- EO/IR sensor and zoom per agreed configuration
- IR resolution depends on the selected sensor
- Additional relay modules within available system margins
- T-type or platform landing module, mission-dependent
- Tether preparation and Ethernet connectivity
- Customer-specific payload and UMS integration

All values depend on configuration, payload and mission profile. Technical changes reserved.