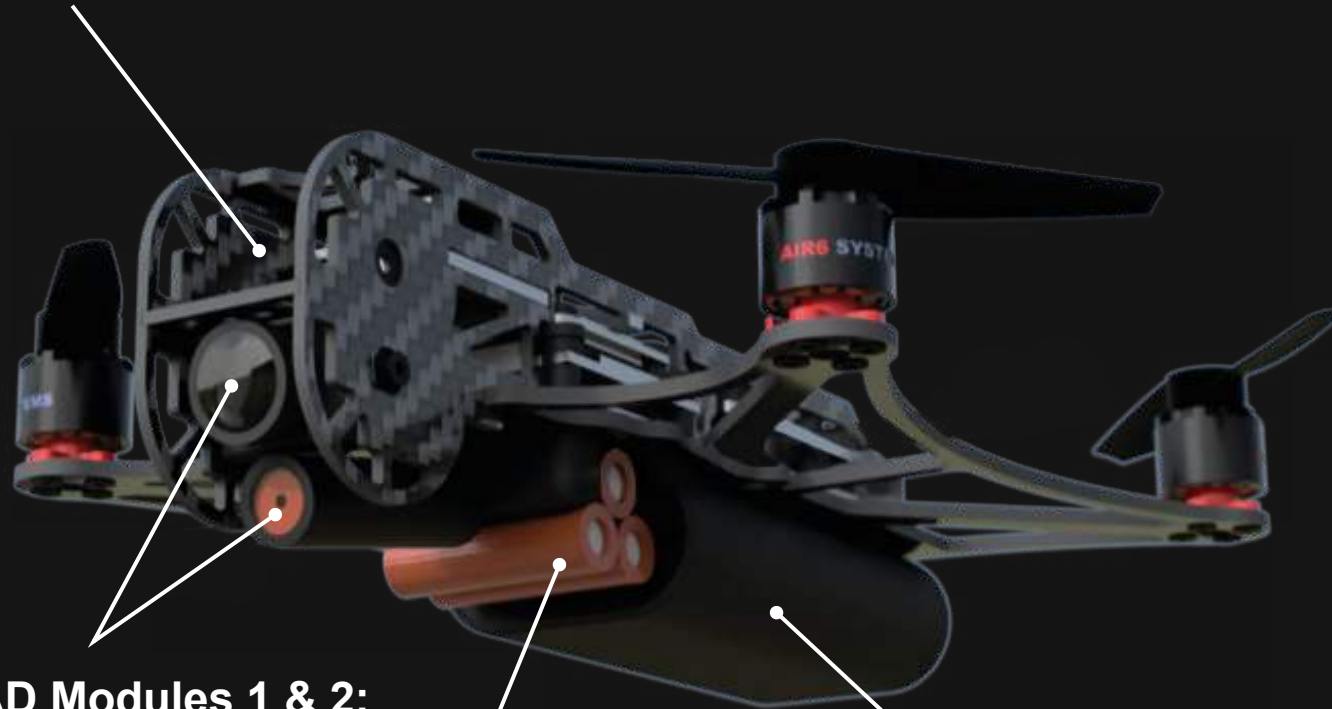


AIR4 NANO

PAYLOAD Module 3: (OPTIONAL)

- Upward facing sensor



PAYLOAD Modules 1 & 2:

- Daytime camera
- Task-specific sensor

PAYLOAD Module 4: (OPTIONAL)

- Downward facing sensor
- Drop-off device

AIR4 NANO power battery

- **MTOW:** <250g
- **Li-Ion battery:** extended charging cycles (up to 1,000x)
- **Dimensions:** 15 cm diagonally
- **Flight time:** up to 25 minutes
- **Temperatures:** -20 to +60°C
- **Payloads:** up to 4 optional payloads
- **Missions:** confined spaces and range of up to 2km
- **Open architecture:** can be customised according to specific use cases

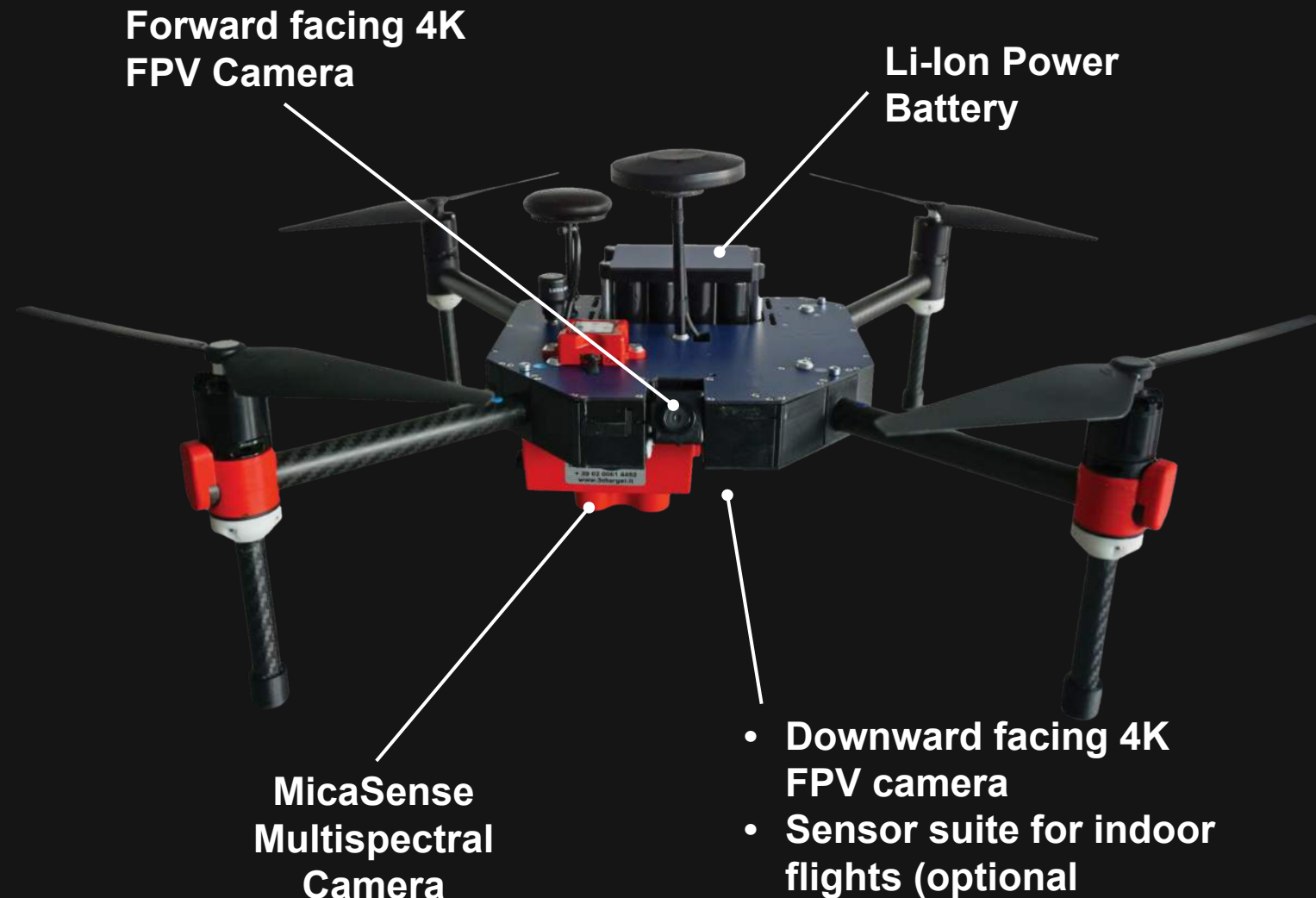
Note: Displayed payloads are exemplary and vary based on exact specifications.

AIR6 SYSTEMS

AIR4 LIGHT

- **MTOW:** <2.5 kg
- **Recommended Payload:** < 0.5 kg
- **Flight Time:** 30 min
- **Li-Ion battery:** extended charging cycles (up to 1,000x)
- **Capacity:** 9000 mAh
- **Voltage:** 14.8 V
- **Temperatures:** -20 to +60°C
- **Sensors:** 4K/6x digital zoom RGB, thermal, multispectral cameras
- **GNSS:** GPS / RTK L1
- **Missions:** confined spaces and range of up to 10 km

Indoor & GPS-denied navigation, collision avoidance and autonomous charging capabilities.



AIR6 SYSTEMS

	AIR4 NANO	AIR4 LIGHT
Aircraft		
Weight(incl. batteries)	226 g	1,900 g
Max Take-off Weight	249 g	2,500 g
Dimensions	105 x 145 x 55 mm	660 x 700 x 385 mm
Operating Temperature	0°C ~ 40 °C	0°C ~ 40 °C
Ingress Protection Rating	IP20	IP54
Operating Frequency	2.4 GHz, 5.725 - 5.850 GHz	2.4 GHz, 5.725 - 5.850 GHz
GNSS	GPS, GLONASS, Galileo	GPS, GLONASS, Galileo
Onboard FPV Sensor		
Sensor	CMOS:1/ 2,7 inch Sensor Effective pixels: 48 M	Optional - as per AIR4 NANO
Lens	FOV: 165° Equivalent focal length: 1.8 mm	
Shooting mode	Video	
Video coding format	H.264	
Video resolution	1080P/60 FPS 1080P/90 FPS 2,7K/60 FPS 4K/30 FPS 4K/60 FPS (Real3.5K/60 FPS)	
Supported file system	Fat32, exFat	
Alternative Sensors		
Sensor	Thermal, combined RGB / thermal, other (information on request)	
Aircraft Battery		
Capacity	2,600 mAh	9,000 mAh
Voltage	7,4 V	16,4 V
Battery Type	Li-Ion 2S	Li-Ion 2S
Max charging voltage	8.4V	16.8 V
Energy	21.6 Wh (2S) / 32.4 Wh (3S)	129,6 Wh or 216 Wh
Single battery charging time	40 minutes	40 minutes
Max charging voltage	8.4V	16.8V

AIR4 LIGHT - MAIN SENSOR PAYLOADS



4K 6X Digital Zoom Gimbal Camera

Lens: Fixed Focal Length, 6X Digital
 Working Voltage: 11 to 25.2 V
 Power Consumption: 5 - 12 W
 Working Temperature: -10 ~ 50 °C
 Image Sensor: Sony 1/1.7-inch, 8 MP effective resolution
 Gimbal: 3-axis Gimbal Stabilizer
 Aperture: F2.8
 Dimension: 55 x 55 x 70 mm
 Weight: 95 g

AI Smart Identify Tracking
 Upside Down Mode
 Starlight Night Vision Camera



2K 30X Hybrid Zoom Optical Pod

Lens: 10X Optical Zoom / 30x Hybrid Zoom
 Working Voltage: 11 to 25.2 V
 Power Consumption: 3 W
 Working Temperature: -10 ~ 50 °C
 Waterproof Level: IP4X
 Image Sensor: 4 MP effective resolution
 Gimbal: 3-axis Gimbal Stabilizer
 Aperture: F1.8 to F2.5
 Dimension: 121 x 101 x 78 mm
 Weight: 381 g

High-Precision FOC Control
 HDR (High Dynamic Range)
 Starlight Night Vision Camera