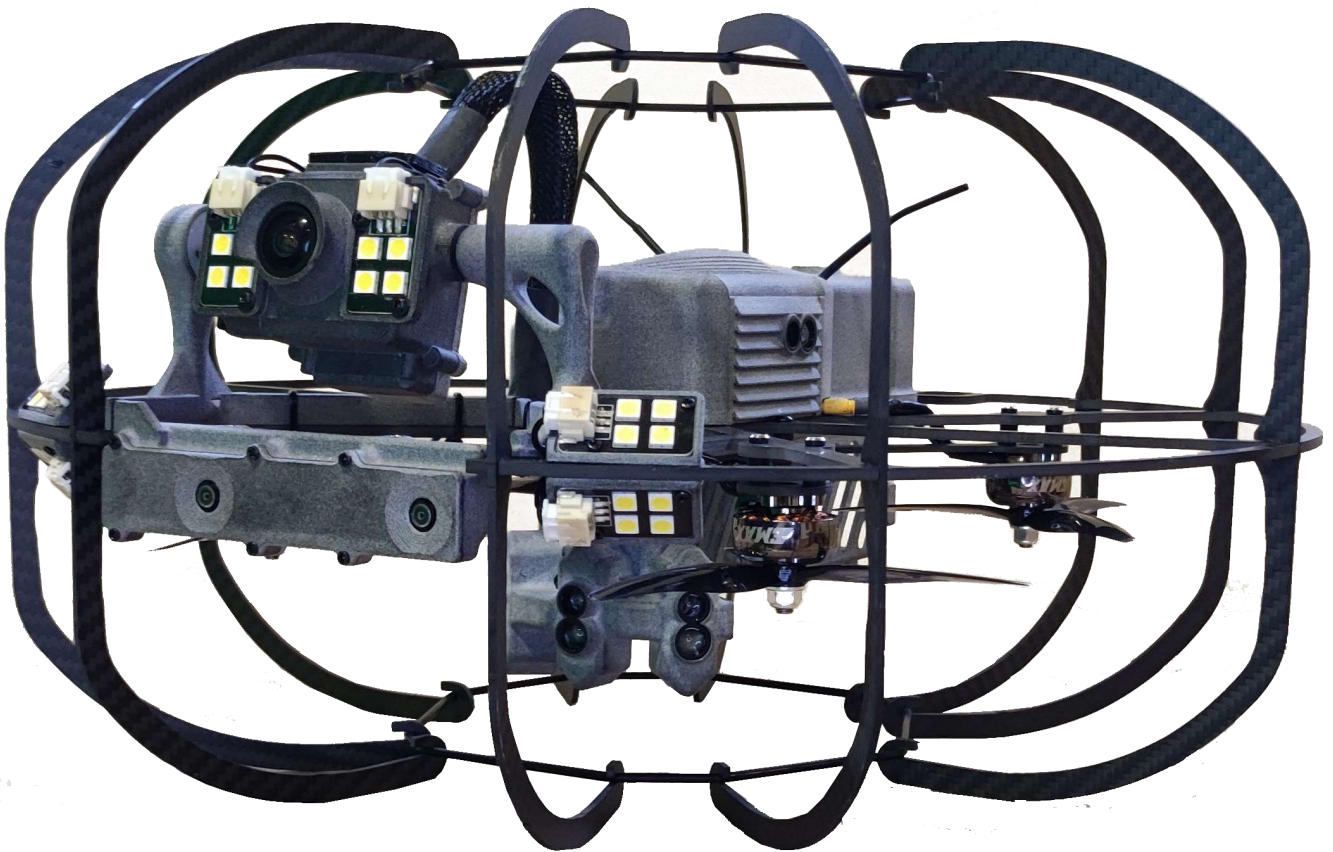


Technical specification

UAWiew **AIRCRAFT**



AIRCRAFT

Configuration	Quadcopter	Noise level	80db(A)
Motors	1950kv motors x 4	Maximum speed	Slow 1.60 ft/s 0.5 m/s Medium 3.28 ft/s 1 m/s High 4.92 ft/s 1.5 m/s
Propellers	5 inches triblades propellers x 4 3 inches pitch	Maximum pitch angle	15° loiter / alt-hold
Autonomy	12 minutes	Stabilization sensors	Stéréoscopic camera 6 multibeam lidars
Empty weight	1,98lbs - 900g	Protection rating	Splash and dust resistant
Takeoff weight	3.08lbs - 1400g		
Maximum diameter	15,35" - 39 cm		
Hardware	Carbon, SLS		
Operating temperatures	-4°F to 104°F -20°C to +40°C		
Flight modes	Loiter / Altitude Hold		
Fail safe	Auto land on radio failsafe		
Operating frequencies	2 400 to 2 483 MHz		
EMC	2.4ghz 20dbm (CE) 23dbm(FCC)		

CAMERA

Sensor	4K, Sony IMX117 1/2.3 inches 12MP
Video format	MP4
Picture format	JPG
Video recording max resolution	3840/2160 - 30FPS (4k)
Video streaming resolution	1920/1080 - 30FPS (HD)
Picture resolution	3840 / 2160 (4K)
FOV	170° diagonal 140° horizontal
Lens	1.9mm - hard focus
ISO	Automatic
File saving	MicroSD card (on board the drone) Class 10 minimum
Supported SD card	32-64GB(Suggested capacities)
Supported format	FAT 32

LIGHTING SYSTEM

total power	12 000 lumens
Power per panneau	2 000 lumens
Control	4 modes available All - use all LED panels Dust - indirect lighting. Use side LED panels Right/left - use corresponding LED panels
Distribution of the illumination	Dust - 8000lm illumination on 180° without hot spot All - 180° illumination + 4000lm 90° focus Right/left - 4000lm illumination on 90° corresponding to the chosen side
CAGE	
Hardware	Carbon, rubber
Resistance	4,92 ft/s on flat surface (1.5m/s)
Weight	0.23lbs - 105 g
Part replacment average time	< 1 minute - no tools

STEREO 2 BATTERY

Capacity 5000mah

Type LiPo

Nominal voltage 14.8v (4S)

Energy 74Wh

Charging time 1hour (1C)

Weight 1.05lbs - 480g

Operating temperatures
-4°F à 104°F
-20°C à 40°C



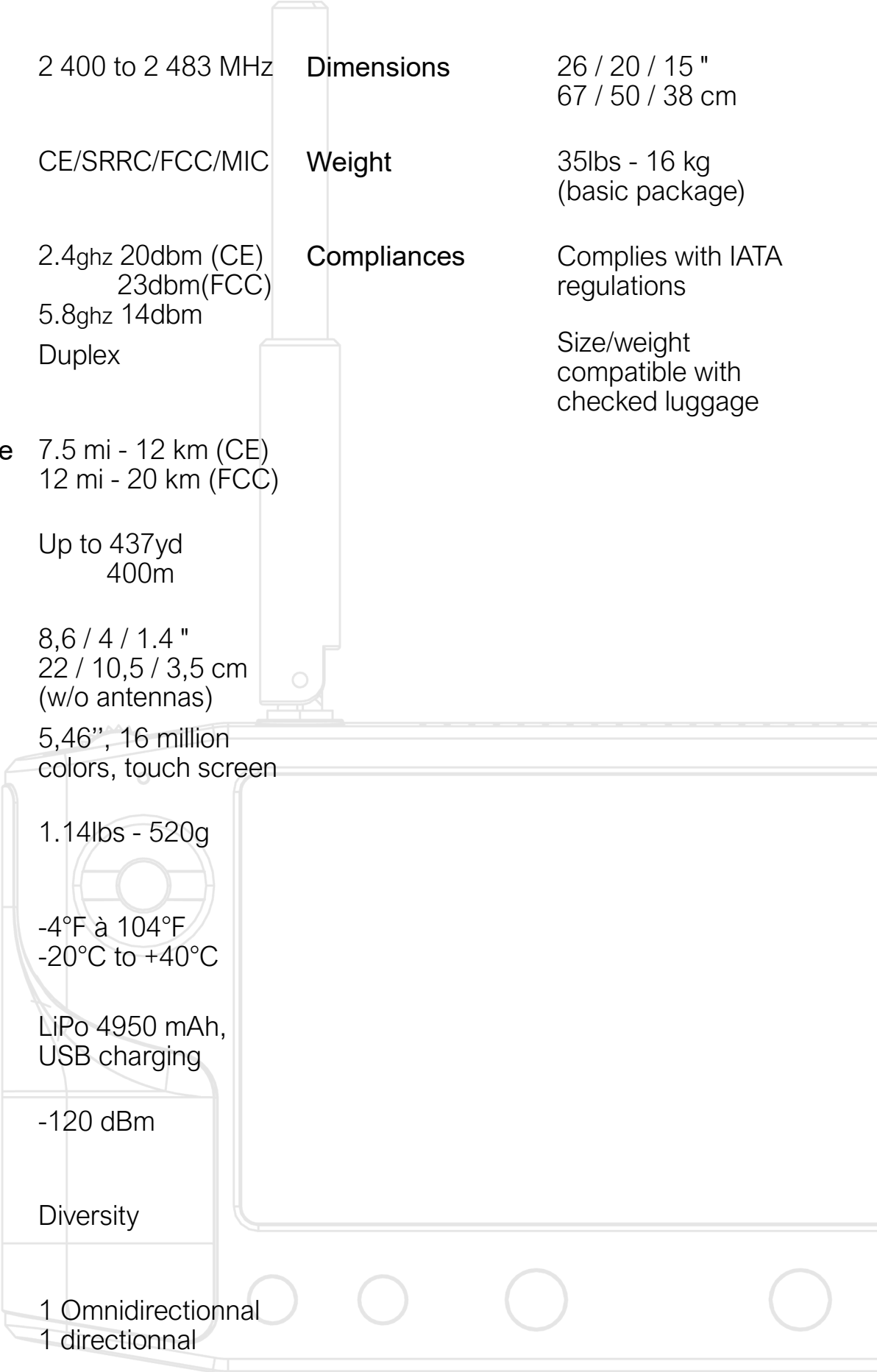


Technical specification

RADIO & ACCESSORIES

RADIOCONTROLLER

TRANSPORT CASE



Operating frequencies	2 400 to 2 483 MHz	Dimensions	26 / 20 / 15 " 67 / 50 / 38 cm
Norms	CE/SRRC/FCC/MIC	Weight	35lbs - 16 kg (basic package)
EMC	2.4ghz 20dbm (CE) 23dbm(FCC) 5.8ghz 14dbm	Compliances	Complies with IATA regulations
Radio link	Duplex		Size/weight compatible with checked luggage
Open space range	7.5 mi - 12 km (CE) 12 mi - 20 km (FCC)		
Confined space range	Up to 437yd 400m		
Radiocontroller dimensions	8,6 / 4 / 1.4 " 22 / 10,5 / 3,5 cm (w/o antennas)		
Screen size	5,46", 16 million colors, touch screen		
Weight	1.14lbs - 520g		
Operating temperature	-4°F à 104°F -20°C to +40°C		
Battery	LiPo 4950 mAh, USB charging		
Reception sensitivity	-120 dBm		
Reception mode	Diversity		
AntennAs	1 Omnidirectionnal 1 directionnal		

AEMME RE Srl

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