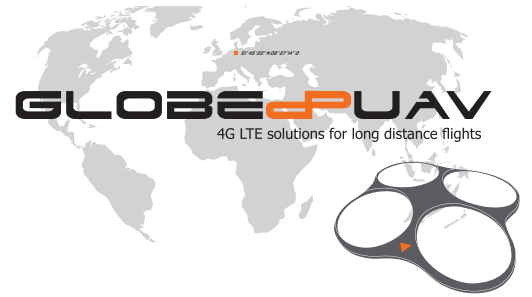


GLOBE-UAV GMBH

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TECH SHEET

DRONE GUAV7	SPECS
FEATURES	
DIAGONAL SIZE (MM) WITHOUT PROPELLERS	640
VERTICAL SIZE (MM) WITHOUT PROPELLERS	420
PROPELLER SIZE (MM)	380
ROTORS	6 ¹
WEIGHT (KG) INCLUDING BATTERY AND PROPELLERS	
WEIGHT (KG)	5.0
PAYLOAD (KG)	1.2
FLYING TIME (MINUTES - WITHOUT/WITH GIMBAL)	75/60
DISTANCE SINGLE TRIP (KM) LIMITED ONLY BY BATTERY	50
MAX. SPEED (KM/H)	80
MAX. ASCENT SPEED (M/S)	
MAX. ASCENT SPEED (M/S)	4
MAX. DESCENT SPEED (M/S)	
MAX. DESCENT SPEED (M/S)	3
HOVER ACCURACY VERTICAL (METER)	
HOVER ACCURACY VERTICAL (METER)	+/- 0.1
HOVER ACCURACY HORIZONTAL (METER)	
HOVER ACCURACY HORIZONTAL (METER)	+/- 1
MAX. ALTITUDE ABOVE GROUND* (METER)	
MAX. ALTITUDE ABOVE GROUND* (METER)	250
STORM/THUNDERPROOF (BFT)	
STORM/THUNDERPROOF (BFT)	<=6
OPERATING TEMPERATURE	
OPERATING TEMPERATURE	-10°C TO 40°C
FLIGHTCONTROLLER	
FLIGHTCONTROLLER	ADVANCED 32 BIT
AUTOPILOT SYSTEM	
AUTOPILOT SYSTEM	GPS, GALILEO
GPS MODES	
GPS MODES	GLONASS, BEIDOU

1) REDUNDANT MOTORS

2) RESOLUTION 4K

3) RESOLUTION 1080P FULL HD

4) RESOLUTION 720P HD

* WITHOUT TRANSPONDER MODE S

FLIGHT BATTERY	SPECS
FEATURES	
CAPACITY (MAH)	30600
VOLTAGE	22.2 V
BATTERY TYPE	LIPO
ENERGY (WH)	680
NET WEIGHT (KG)	2.65
OPERATING TEMPERATURE	-10°C TO 40°C

CAMERA	SPECS
FEATURES	
VIDEO REC. (RESOLUTION @ FPS)	3840 x 2160 @ 30 ²
LIVE VIDEO (RESOLUTION @ FPS)	1920 x 1080 @ 30 ³
	1280 x 720 @ 30 ⁴
MAX. BITRATE (VIDEO STORAGE IN MBPS)	150
PHOTO (MP)	12.2
SUPPORTED FILE FORMATS	VIDEO: MP4
	PHOTO: JPG

PHOENIX GIMBAL	SPECS
FEATURES	
CONTROLLABLE RANGE	PITCH 0° TO 120°
STABILIZATION	2-AXIS (PITCH, ROLL)
MATERIAL	X-LIGHT-3D-CARBON

LASER	SPECS
FEATURES	
OBSTACLE RECON (METER)	120

SAFETY COMPONENTS	SPECS
FEATURES	
PARACHUTE	Ø160CM

4G LTE HIGH SPEED COMMUNICATION WITH UNLIMITED RANGE

(MISTAKES OR TECHNICAL MODIFICATIONS UNDER RESERVE.)