

SenseFly eBee Plus

#	Technical Specifications	Requirements
Hardware		
1	Drone	All electronics & built-in autopilot
2	Weight	>1kg
3	Wing type	Fixed wing
4	Material of the Drone	Carbon structure and light weight
5	Propulsion mechanism	Electric pusher propeller, DC motor
6	Propeller	One Spare propeller
7	Battery (2150 mAh)	Two Lithium-Polymer battery packs & charger)
8	Remote control & accessories (for safety pilots)	All electronics items and accessories
9	Pair of detachable wings	One Spare Pair of detachable wings
10	Camera (including 16 GB SD card, battery, USB cable & charger)	18.2 MP
11	Carry case with foam protection	55 x 45 x 25 cm
12	Optional camera (including 16 GB SD card, battery, USB cable & charger)	S110 RGB, thermoMAP
13	USB radio modem for data link (including USB cable)	To be included
14	Radio tracker for unexpected loss of aircraft	To be included
15	User manual	To be included
Operational requirements		
16	Flight time (Max.)	50 -60 minutes
17	Cruising speed	50-100 km/h
18	Radio link range	Up to 3.5 km
19	Maximum coverage (single flight)	15km ²
20	Wind resistance	45 km/h
21	Ground sampling Distance (GSD)	1.5cm per pixel
22	Relative orthomosaic/3D model accuracy	1-3x GSD
23	Absolute horizontal/vertical accuracy (w/GCPs)	Down to 3 cm / 5 cm
24	Absolute horizontal/vertical accuracy (no GCPs)	1-5 m
25	Multi-drone operation	Yes (including mid-air collision avoidance)
26	Automatic 3D flight planning	Yes
27	Linear landing accuracy	Approx. 5 m
28	Warranty	Please specify

Software should be included: flight planning & control & Terra 3D professional photogrammetry software

