

	Foundation	Survy	3D Mapping	Environmental	Video
Applications	Platform	Mapping/line inspection	3D modeling	Environmental monitoring	Security inspection
Wingspan	2500MM				
length	1190MM				
Take-off weight	6.95KG~8.5KG	6.95KG	6.95KG	6.95KG	7.5kg
data link	20km @point to point				
	Infinite @ 4G LTE /Optional				
Standard payload		A 7R SEREAIL	DG3 (24MP*5)	6gas sensor+24MP camera	10X Full HD +tracker
Optional camera	Sony a 7R	Rx1Rm2+35mm	Flytouv A5 (million pixels *5group)	Pirot Multispectral flir640*512Thermal imager	30X + thermal camera+tracker
Video transmission	Support for real-time 4G_LTE datalink (optional)			Point to point transmission Real time 4G_LTE (optional)	
3D map of GCS	supported				
Auto mission	supported				
Cruise Speed (Sea level)	18m/s (68.4km/H)				
Rate of climb (MAX)	4m/s				
Rate of climb (sea level)	2m/s				
wind resistance (sea level)	8m/s@VTOL; 12m/s@				
Advice endurance (sea level)	165MIN	165MIN	155MIN	155MIN	150MIN
Voyage	180KM/165KM	180KM/165KM	Cruise 170KM/155KM	170KM/155KM	165KM/150KM
navigation accuracy	0.15m@Copter; 1m@Fixedwing				
Ceiling@Copter	4800m				
Ceiling@fixwing	6800m				
European standard 120 meters high	A7R+24mm @2.4cm GSD : 5.8km2 @75%sidelap/15km2@40%sidelap	3.2km2@80sidelap (still day)	3km2@75%sidelap 8km2@40%sidelap		
2.5cmGSD 42Million H195m	6km2@75%sidelap/16km2@40%sidelap	3.5km2@80sidelap (still day)	4.8km2@75%sidelap 13km2@40%sidelap	N/a	
5cmGSD 42Million H385m	12km2@75%sidelap/32km2@40%sidelap	7.5km2@80sidelap	9.75km2@75%sidelap 26km2@40%sidelap		
10cmGSD42Million H770m	24km2@75%sidelap/64km2@40%sidelap	15km2@80sidelap	19.5km2@75%sidelap 52km2@40%sidelap		



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