



Unmanned Aerial Systems

Multicopter, Fixed Wing, Tethered, Special



Fixed Wing

Model	DSS A300FD (GLV8)		
UAS Type	Fixed Wing VTOL		
Flight mode	BVLOS		
Take off & Landing	VTOL		
Endurance	240 minutes		
Range (radius)	180 Km		
Altitude	4,900 meters		
Wing span	2.5 meters		
Camera	Sony R*1Rm2 42Mp 35mm F2		
Flight Control	Ground Communication Systems		
Flight automation	Fully automatic		
Power	Lithium		
Safety	Low Battery protection, Geo Fencing RTL		
MTOW	12 Kg		
Payload	5 Kg		
Customization for specific services/requirements			
LiDAR		Third party	
NDVI		optional	
Dual zoom camera		optional	
IR / Thermal		optional	
Application	Large survey mapping; pipeline inspections; patrolling; reconnaissance		
Business model	Sale & Dry leasing	Options	Maintenance contract



Multi-rotor

Model	DSS A100RD		
UAS Type	HexaCopter		
Flight mode	BVLOS		
Take off & Landing	VTOL		
Endurance	60 minutes		
Range	5 Km (video link up to 15 km)		
Camera	Multiple type (Sony, Canon, inhouse)		
Flight Control	Manual, GPS Automatic, Hovering		
Flight automation	Fully automatic, multipoint		
Power	Lithium		
Payload	3.5 Kg		
Customization for specific services/requirements			
Application	Mapping, surveillance		
Business model	Sale & Rental	Optional	Maintenance contract





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Tethered UAV Systems

Model	DSS A10TD : ORION		
UAS Type	Multi rotor		
Flight mode	Tethered		
Take off & Landing	VTOL		
Endurance	24/7		
Range	Static up to 80 m ASL		
Camera	Optical 5 Km zoom; IR		
Flight Control	Ground Communication Systems		
Flight automation	Fully automatic		
Power	UAV 15W, control base 100-220V		
Safety	Parachute		
Payload	3.5 KG		
Customization for specific services/requirements			
Radio Communication	BGAN		
Mobile power source	Optional	Third party genset	
Application	Surveillance, crowd control		
Business model	Sale & Rental		



Tethered stations for commercial drone

Model	DSS A210TD : Safe-T Tethered Station		
UAS Type	DJI, ACECORE, YUNNEC	(multirotor)	
Flight mode	Tethered		
Take off & Landing	VTOL		
Endurance	24/7		
Range	Static up to 100 m ASL		
Camera			
Flight Control	Ground Communication Systems		
Flight automation	Fully automatic		
Power	External 220 v		
Output power	Up to 2500 W		
Output voltage	6V or 12V		
Mobile power source	Optional	Third party genset	
Application	Surveillance		
Business model	Sale & Rental		





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Model	DSS A210TD : Ligh-T Tethered Station	
UAS Type	DJI, ACECORE, YUNNEC	(multirotor)
Flight mode	Tethered	
Take off & Landing	VTOL	
Endurance	24/7	
Range	Static up to 100 m ASL	
Camera		
Flight Control	Ground Communication Systems	
Flight automation	Fully automatic	
Power	External 110 -220 v	
Output power	Up to 1500 W	
Output voltage	6V or 12V	
Mobile power source	Optional	Third party genset
Application	Surveillance	
Business model	Sale & Rental	



Notice:

The models shown in this factsheet are examples of Drone Solutions UAS/USV/ROV listing. According to client requirement a different UAS may be offered / used.

Notice:

Drone Solution Services Pte Ltd reserve the right to change, amend, cancel any part of its Aerial Business Services at any time without prior notice. The example above is purely indicative and strictly non-binding.