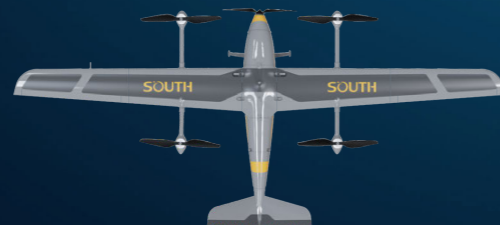
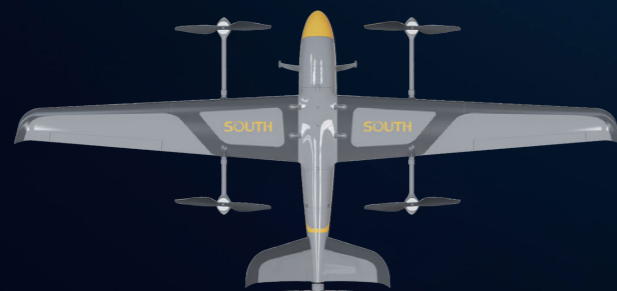




Rapido



Domino



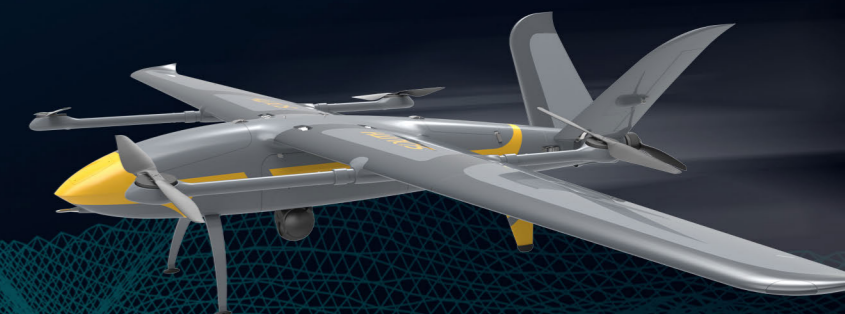
Diverso



FLY2MAP SERIES

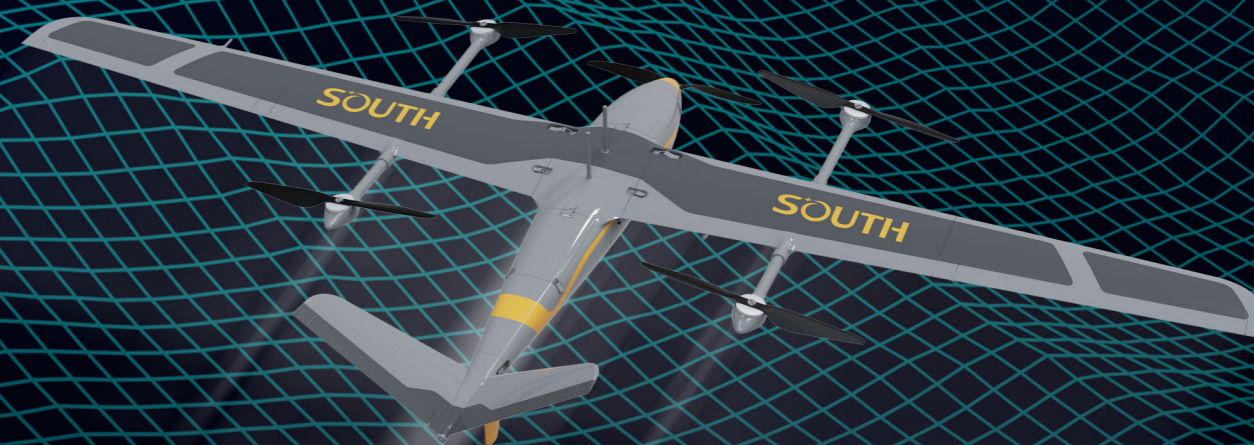
SkyCruiser VTOL Family

Rapido/Domino/Diverso



SPECIFICATION ▶▶▶

Model	Rapido	Domino	Diverso
Dimension	2400x1150x370 mm	3378x1500x500 mm	4128x1927x749 mm
Max. Payload Capacity	1.3 kg	5 kg	10 kg
Max. Ceiling	4000 m ASL	4500 m ASL	4500 m ASL MAX 6500m
Max. Cruising Speed	110 km/h	130 km/h	130 km/h
Regular Cruising Speed	70 km/h	70 km/h	72 km/h
Max. Cruise Range	210 km	245 km	280 km
Flight Endurance	120 min	210 min	240 min
Wind Resistance	beaufort scale 6		
Airborne GNSS Module	GPS + Glonass + Galileo + Beidou tracking, for RTK/PPK		
Airborne GNSS Accuracy	Flatness accuracy: ±(2.5 mm + 1 ppm) Altitude accuracy: ±(5 mm + 1 ppm)		
Payload Option	RGB full framer S61, Multi-lens T53P	RGB full framer S61, Multi-lens T53P, Multi-lens Q51	RGB full framer S61, Multi-lens T53P, Multi-lens Q51, Infrared Thermal S640, Airborne LiDAR SAL-1500



FEATURES ▶▶▶



Integrated UAV System
copter for VTOL while fixed-wing for mission flight

Building Block System
modular design for quick toolless assembly within minutes






Tough But Lightweight
made of long-lasting kevlar fiber material, rugged and durable

Co-shared Power Supply
all-in-one battery group for flight control of VTOL and cruise





VTOL Working As Multi-rotor
suited to challenge elevated terrains, take-off height unrestricted

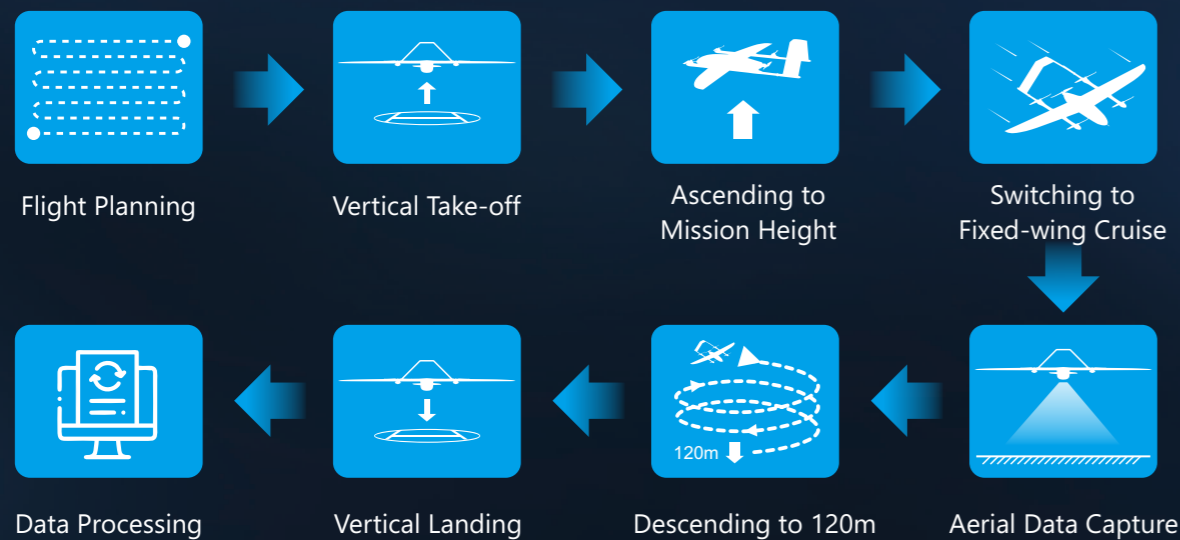
Specialized Payload Compartment
ready to fit different payload options based on diverse needs





Intelligent Terrain Awareness
terrain following good for keeping stable AGL and flight safety

WORKFLOW ▶▶▶



Payload	UAV Platform	Specification
 RGB camera S26	Rapido/Domino/Diverso	<ul style="list-style-type: none"> - Lens: 1 only - Resolution: 26 MP - CCD Size: 23.1mm x 15.4mm - Pixel Size: 3.76µm - Focal Length: 25mm - Weight: 230g - Storage: 256 GB
 RGB camera S45	Rapido/Domino/Diverso	<ul style="list-style-type: none"> - Lens: 1 only - Resolution: 45 MP - CCD Size: 36 mm x 24mm - Pixel Size: 4.4µm - Focal Length: 40mm - Weight: 280g - Storage: 256 GB
 RGB camera S61	Rapido/Domino/Diverso	<ul style="list-style-type: none"> - Lens: 1 only - Resolution: 61 MP - CCD Size: 36 mm x 24mm - Pixel Size: 3.76µm - Focal Length: 40mm - Weight: 280g - Storage: 256 GB
 multi-lens camera T53P	Rapido/Domino/Diverso	<ul style="list-style-type: none"> - Lens: 5 - Resolution: 26 MP*5 - CCD Size: 23.1mm x 15.4mm - Pixel Size: 3.76µm - Focal Length: 25mm/35mm - Weight: 666g - Storage: 1280 GB
 multi-lens camera Q51	Domino/Diverso	<ul style="list-style-type: none"> - Lens: 5 - Resolution: 45 MP*5 - CCD Size: 36 mm x 24mm - Pixel Size: 4.4µm - Focal Length: 40mm/56mm - Weight: 886g - Storage: 1280 GB
 airborne LiDAR SG130	Domino/Diverso	<ul style="list-style-type: none"> - Sensor Type: pulse laser, survey-grade - Measuring range: max.900 m - Measurement rate: max.800,000 pts/sec - Measuring accuracy: 15 mm(single)/ 10 mm(repeat) - Laser wavelength: 1550nm - Resolution: 26MP - Laser safety class: Class 1 - Weight: 2kg - Storage: 256 GB
 airborne LiDAR SA130	Domino/Diverso	<ul style="list-style-type: none"> - Sensor Type: pulse laser, survey-grade - Measuring range: max.1800 m - Measurement rate: max.2000,000 pts/sec - Measuring accuracy: 10 mm(single)/ 5 mm(repeat) - Laser wavelength: 1550nm - Resolution: 45MP - Laser safety class: Class 1 - Weight: 2.2kg - Storage: 256 GB