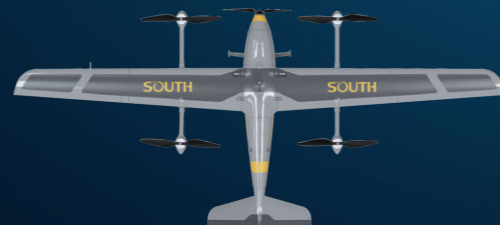
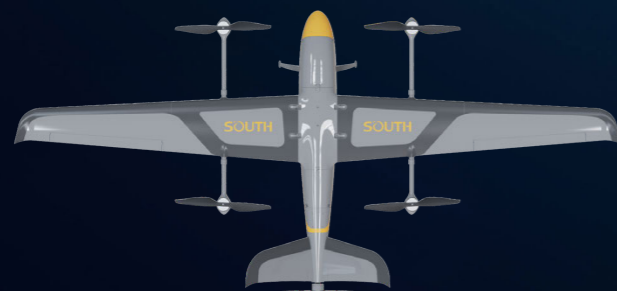




Rapido



Domino



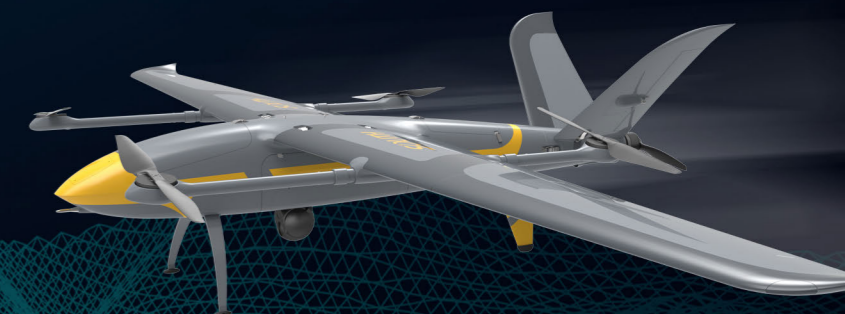
Diverso



## FLY2MAP SERIES

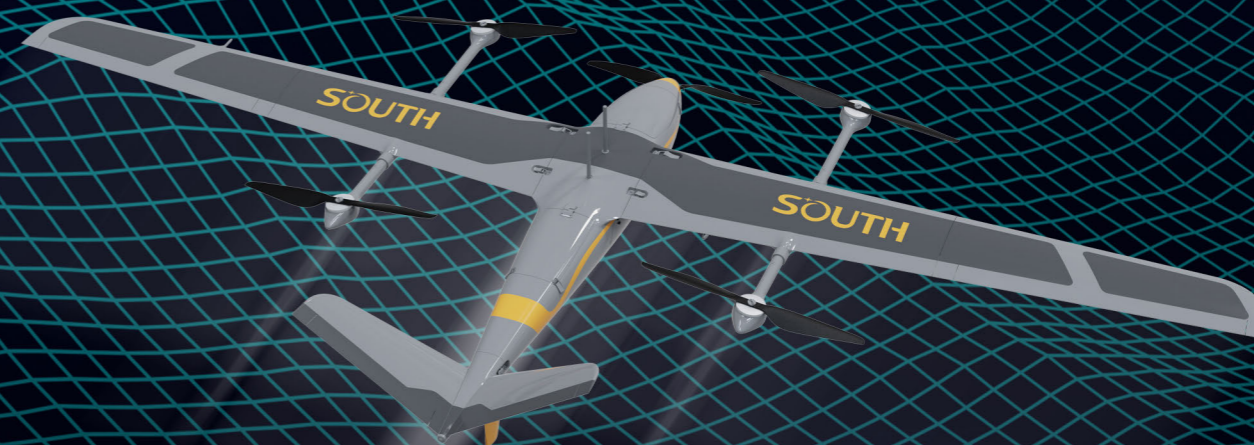
### SkyCruiser VTOL Family

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	4200 m ASL
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	1cm±1ppm when fixed		
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**

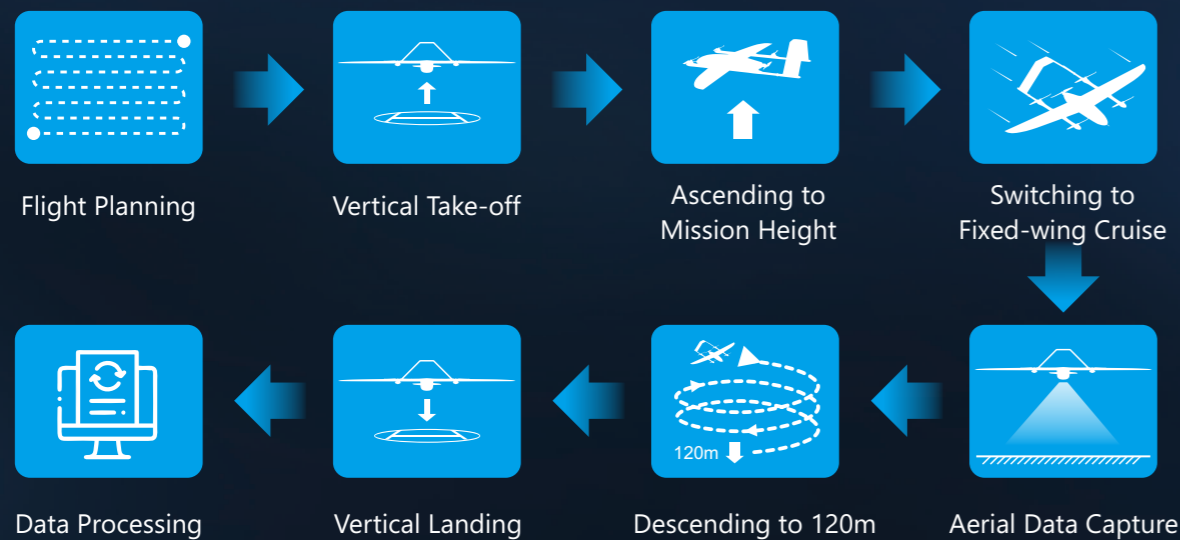
ready to fit different payload options based on diverse needs





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