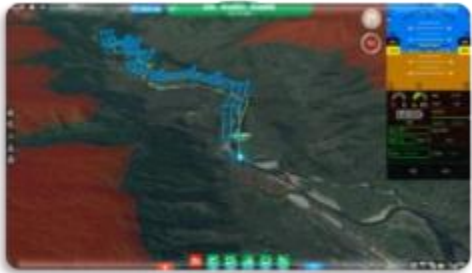




QP545

QP545 VTOL UAV is a high performance drone developed to operate in extreme severe environment. The QP545 drone is highly reliable and easy to operate. At the same time, it is equipped with auto pilot, capable of fully autonomous take-off, operation and landing. QP545 is optimized to the most advanced aerodynamic layout and can be equipped with high-precision and stable photoelectric platform, hyperspectral imager, full-frame digital camera and other payloads for its mission. QP545 provides a convenient experience, reliable control, and flexible operation. Less training requirements for operators. After a series of flight test, aerial surveying and remote sensing tests, the QP545 VTOL UAV has been successfully used in aerial photogrammetry, disaster monitoring and assessment, emergency monitoring, forest fire prevention and urban fire protection, land resources investigation and other fields.

3D Ground Station



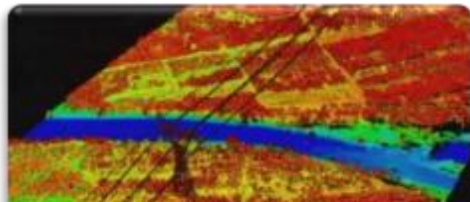
Payloads



Emergency Protection



Surveying



QP545 Parameter	
Fuselage Length	3.4m
Wingspan	4.5m
Max. Payload	18Kg
Max. Climbing Speed	6m/s
Power System	Gasoline Powered Engine
Max. Cruising Speed	120Km/h
Wind Resistance	Level 5-7 (10.8-13.8m/s)
Max. Take-off Weight	85Kg
Take-off Mode	VTOL
Max. Cruising Speed	120Km/h
Endurance	8h
Practical Ceiling	5000m
Payloads	Lidar, Photoelectric SAR ray