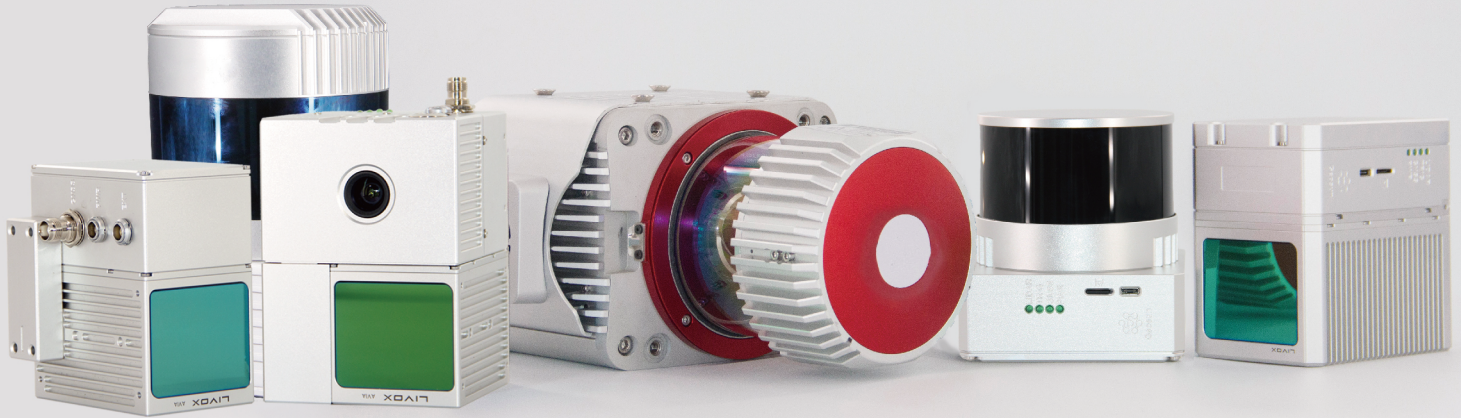




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WayPoint Master

Customized lidar route planning solution

Innovate Efficient Accurate Simple

Lidar Route Characteristics



Innovate

Fully combined with IMU characteristics.
Adapt to the exclusive route of lidar



Efficient

Combined with different application scenarios.
Provide corresponding solutions



Accurate

Accurate waypoint calculation.
High precision flight path control



Simple

Default optimal production parameters.
Route one key production solution

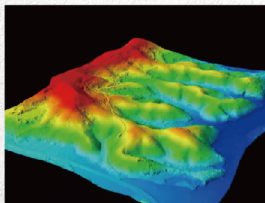
Application



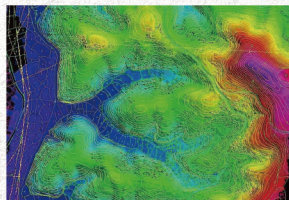
M300 loaded with GS-100c



M300 loaded with GS-260X



DEM results



DLG overlay point cloud

Functional Explanations

Slope imitation

Closed route

Steering outside the survey area

Adjust the front and rear IMU calibration yaw angle

Tangent into survey area

Route end to end swap

Breakpoint continuation

Dynamic coordinated turning

Intelligent acute angle compensation

Breakpoint continuation

Outward expansion of power routes

Power gallery section display



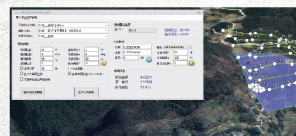
Strip Mapping:

The software supports M300 RTK strip like ground route and level flight route, which can advance according to S-type or route type. It adapts to the customized operation process of the international navigation airborne radar, and realizes the function of belt geographic data acquisition of pilot ground station with the international navigation airborne radar.



Power Corridor:

The power corridor supporting M300 RTK imitates the tower head altitude flight route, adapts to the customized operation process of international navigation airborne radar, and realizes the function of pilot ground station cooperating with international airborne radar to collect geographic data of power corridor.



Regional Mapping:

The software supports the regional ground imitation route and level flight route of M300 RTK, adapts to the customized operation process of international navigation airborne radar, and realizes the function of pilot ground station cooperating with international airborne radar for regional geographic data acquisition.