

## Tiki3D Real-Time Modeling System JJ DJI Drone Dock Solution

## Tiki3D Real-Time Modeling - DJI Enterprise Version





Comprise of DJI drones, remote controllers. private cloud, and Tiki3D Real-Time Modeling host.

Meets realtime modeling requirements in areas without public network coverage.

Expandable for real-time 3D modeling with DJI Docks.

Enables DJI drones to achieve real-time "fly-and-build" modeling.







## Tiki3D Real-Time Modeling System Advantage Analysis

Real-Time Processing Scenario	Tiki3D Real-Time Modeling System	Advantages
Real-time visualization	Simultaneous flying, transmission and modeling	High efficiency
3D output types	Point clouds, 3D mesh models	Diverse outputs
3D processing time	Instant results during flight operations	Real-time capability
3D processing time Supported sensors	Complete scene reconstruction within 5 minutes after photo transmission	No area limitations
Drone compatibility	Works with video, single-lens (multi-angle shooting), and oblique camera systems	Open compatibility
টিক Drone types	Multi-rotor, hybrid-wing, small/medium/large UAVs	Universal compatibility

## > Operational Workflow



Select Survey Area & Plan Flight Path



Real-Time Photo Transmission & Processing



Drone Take Off and Begin Aerial Imaging



Simultaneous Aerial Image Capturing/Transmission/Reconstruction  $\rightarrow$  Instant 3D Model Output

