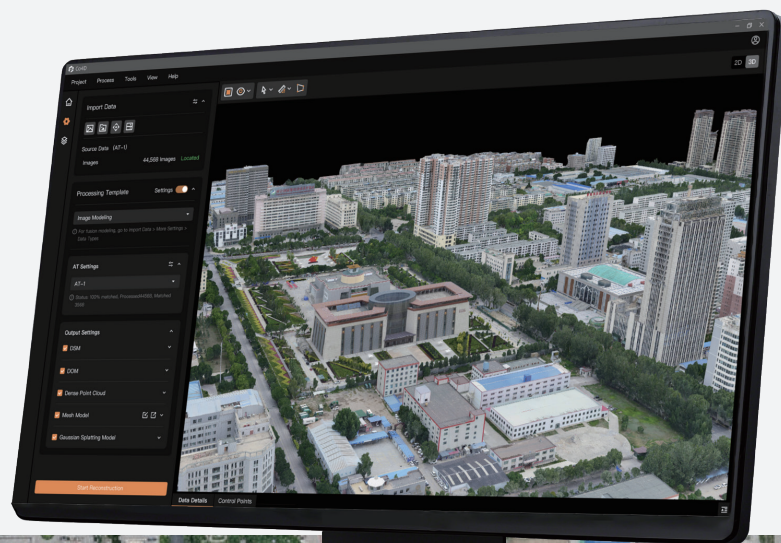


CoMeta

Professional Photogrammetry and
3DGS Software

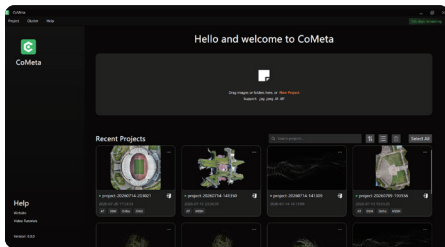


Professional Photogrammetry and 3DGS Software

CoMeta is professional 3D modeling software that combines photogrammetry and native 3D Gaussian Splatting in one integrated platform. Powered by an advanced 3D reconstruction engine, it transforms UAV imagery into accurate orthomosaics, DSMs, textured meshes, and photorealistic 3DGS models. CoMeta delivers production-ready results for surveying, engineering, digital twins, urban renewal, and professional 3D visualization.

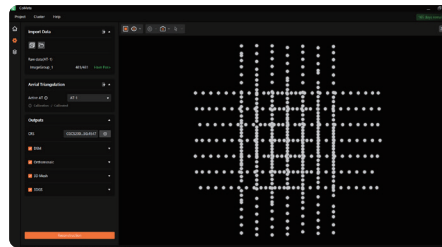


EASY | From Images to Results in Three Steps



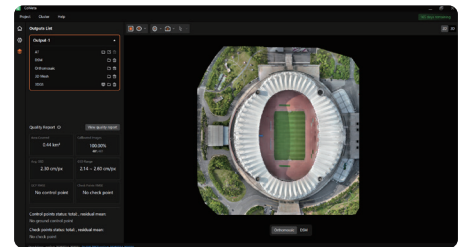
IMPORT

Add imagery and project information



PROCESS

Select outputs and start processing



REVIEW

Inspect and export standard results

LARGE | 100,000+ Images in One Project



One Project

No Splitting, Keep the full dataset together



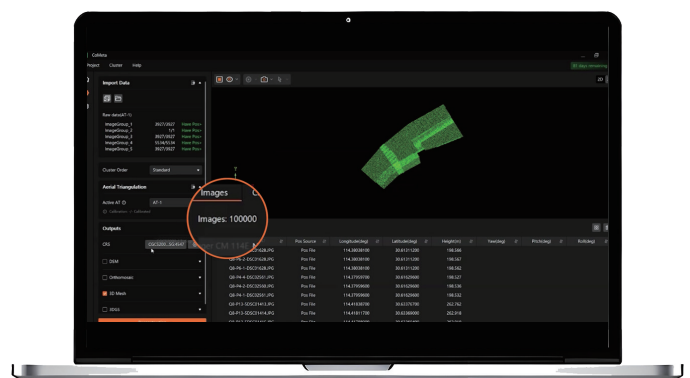
100,000+ Images

Single-project processing



15+Cluster Nodes

Scale computing resources



FAST | 2-3× Faster End-to-End

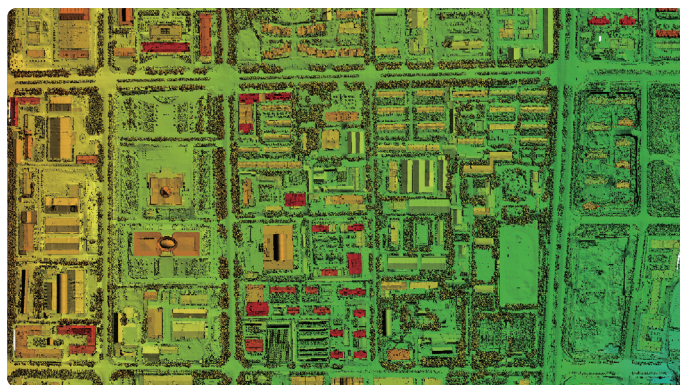
Images	Mainstream Software	CoMeta	Speed Boost
1,315	3.9 h	1.6 h	2.4×
10,050	23.6 h	10.4 h	2.3×
50,669	181 h	83 h	2.2×
100,000	449 h	152 h	3.0×

► One AT result. Four professional outputs



Accurate 2D mapping

Surveying · GIS · Design



Surface elevation

Terrain · Height · Analysis

DSM

.tif



Accurate 3D reconstruction

Surveying · GIS · Design

Mesh

.osgb; .3dtiles; .obj



Photorealistic 3D

Visualization · Digital Twins

3DGS

.ply; .3dtiles

► Application



Surveying & Mapping

Large-area mapping, river and corridorsurveys, engineering survey and GIS.

Orthomosaic · DSM · Mesh



Real-Scene 3D Mapping

Urban renewal, rural mapping andcity-scale 3D base data.

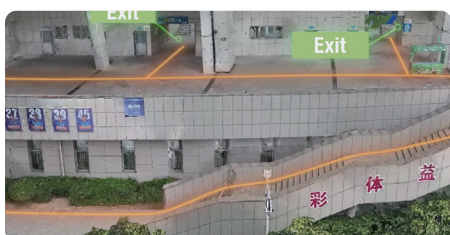
Mesh · 3DGS



Digital Twins & Planning

Site visualization, infrastructure digitalization, access and emergency planning.

Mesh · 3DGS



SPECIFICATIONS

► System Recommendations

Item	Minimum	Recommended
Operating System	Microsoft Windows 10 or 11 (64-bit)	—
CPU	Intel® Core™ i7	Intel® Core™ i9
Graphics Card	NVIDIA GPU with Compute Capability 6.1 or higher	NVIDIA GeForce RTX 5070
GPU Memory for AT, Orthomosaic, DSM, and Mesh	6 GB VRAM	8 GB VRAM
GPU Memory for 3DGS	8 GB VRAM	12 GB VRAM
RAM	32 GB	64 GB
Storage	200 GB of free disk space	SSD with at least 200 GB of free space

► Software License

License type	Time limited SW registration code USB dongle driver
SW upgrade	Online version check Manual install packageManual install package

► Supported Language

English, Chinese

* Specifications are subject to change without notice.

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