

📷 Visual Geometry Benchmark (Pose AUC)

+35.7% Improvement

**Baseline context:** VGGT: 46.8% avg → DA3-Large: **67.3% avg** | Relative improvement: **+44%** | Coverage: **SOTA on 18/20 settings** | (Perfect alignment = 100% AUC) | Datasets: HiRoom (synthetic), ETH3D, DTU, 7Scenes, ScanNet++ (all real-world LiDAR)

Method	Setting	HiRoom	ScanNet++	7Scenes	Avg
DUST3R	Pose-Free	38.4	45.2	32.1	38.6
VGGT	Pose-Free	42.1	62.6	35.8	46.8
DA3-Large ★	Pose-Free	64.5	85.0	52.3	67.3

✔ SOTA on 18/20 Settings

\* DA3 sets new state-of-the-art across diverse benchmarks

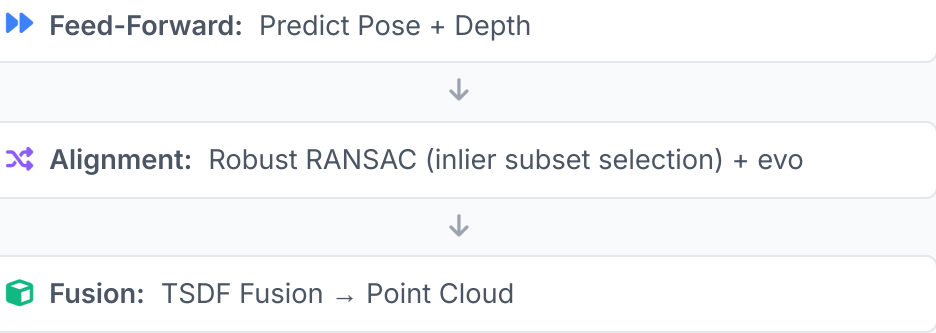
+35.7%

CAMERA POSE ACCURACY

+23.6%

GEOMETRIC ACCURACY

⚙️ Evaluation Pipeline



📊 Geometric Accuracy Gap

