



Lixel CyberColor

Next-Gen 3D Modeling Technology Based on Multi-SLAM & 3DGS

Lixel CyberColor

Lixel CyberColor (LCC) represents a groundbreaking advancement in 3D model generation

A combination between Multi-SLAM and 3DGS technology that allows users to create photo-realistic 3D models for complex cases. This enables unprecedented immersive experiences of various spatial computing devices, seamlessly integrated with 3D software and platforms, facilitating 3D experience and application development.



**Mobile
scanning**



**Data
compression**



**Automated
generation**



**CM-level
accuracy**



**Multi-platform
compatibility**



**Advanced
development**



3D Modeling for Complex Scenes

Adapt to mobile scanning from indoor to outdoor, supporting map fusion, and aerial-ground data fusion.



Measurable, Interactive, and Immersive

Achieve cm-level measurement and interactive 3D, supporting notes, avatars, and one click share online.



Cross-Platform Compatibility and Rendering

Compress file size by 90% for easier storage, transmission, seamless streaming and rendering across cloud, edge, and platforms.



Comprehensive Developer Ecosystem

Supports various spatial computing devices, Unity, Unreal, WebGL (Cesium, Three.js), mini-programs, and VR headsets for development.

LCC Workflow



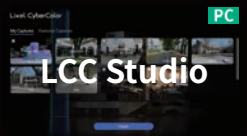
Step 1

Mobile Scanning



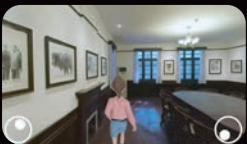
Step 2

Automated Model Generation



Step 3

View, Edit, Share



Step 4

Multi-Platform
Further Development



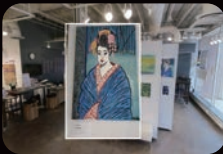
Industry Applications



Architecture



Real Estate



Culture & Tourism



Filming



XR



Digital Twins



Energy



Emergency & Security

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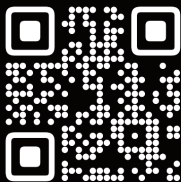
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