



Lixel CyberColor

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

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Lixel CyberColor (LCC) represents a groundbreaking advancement in 3D content generation. It utilizes a combination of a self-developed Multi-SLAM algorithm and optimized 3DGS technology, allowing users to automatically create ultra-realistic large-scale 3D models.



**Large-scale
modeling**



**Automated
generation**



**Centimeter-level
accuracy**



**Multi-platform
compatibility**



**Advanced
development**

*Compared with the open-source 3DGS algorithm.



Ultra-Realistic Model Generation with LCC

Revolutionizing 3D content production, our Multi-SLAM technology creates vast, lifelike scenes, overcoming modeling challenges in large spaces and complex environments.



Seamless Rendering, Multi-platform Compatibility

Our in-house rendering algorithm ensures smooth operation for various platforms, reducing model size by 90%* through proprietary data compression technology.



LiDAR Integration for Precision

Lixel handheld device improves data collection success rates while achieving centimeter-level model precision, enabling on-site measurement and annotation within model scenes.



Open Development Ecosystem

LCC plugins and SDKs will be available for platforms such as Unity, UE, Web and Mobile, Empowering unprecedented boundless reproduction of 3D content.

LCC Workflow



Step 1

Capture with Spatial Camera



Step 2

Automated Model Generation

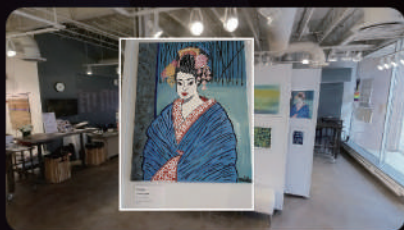


Step 3

Multi-Platform Application



Industry Applications



Culture & Tourism



Real Estate & Construction



XR & Gaming



Film & VFX

Contact Us

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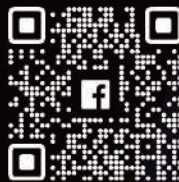
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