

LDM3D: Latent Diffusion Model for 3D



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1. Introduction

- ➤ Our Latent Diffusion Model for 3D (LDM3D) generates RGB image and depth map pairs for given text prompts, allowing users to generate RGBD outputs from text inputs.
- ► We demonstrate integration of LDM3D into an application called DepthFusion, which uses diffused images and depth maps to create immersive and interactive 360°-view experiences with TouchDesigner.











