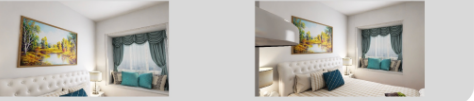


MILab3DICLR-26

MILab3D[™] “Omni-View: Unlocking How Generation Facilitates Understanding in Unified 3D Model based on Multiview images” ICLR 2026[™]

(1) Geometry property;

Multiview images



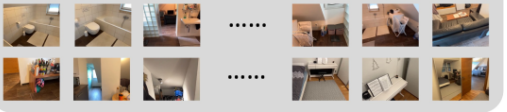
Question: The Object63 (red point at Frame-0, [0.14, 0.67]) is positioned at 3.4 meters depth. Predict the depth of the Object22 (blue point at Frame-0, [0.23, 0.65]). Calculate or judge based on the 3D center points of these objects.

Answer: **Object22's central depth is estimated to be about 2.0 meters.**

GT: With a central depth of 2.2 meters, Object22 is referenced here.

(2) Temporal reasoning.

Multiview images



Question: What will be the first-time appearance order of the following categories in the video: heater, tv, ceiling light, printer?

A. ceiling light, heater, tv, printer
B. ceiling light, tv, heater, printer
C. heater, tv, ceiling light, printer
D. ceiling light, heater, printer, tv

Answer: **B**

next state prediction Bagel Omni-View[™] Omni-View

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- 3D

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1 Omni-View 3D MLLM

2

3 QA 3D MLLM

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