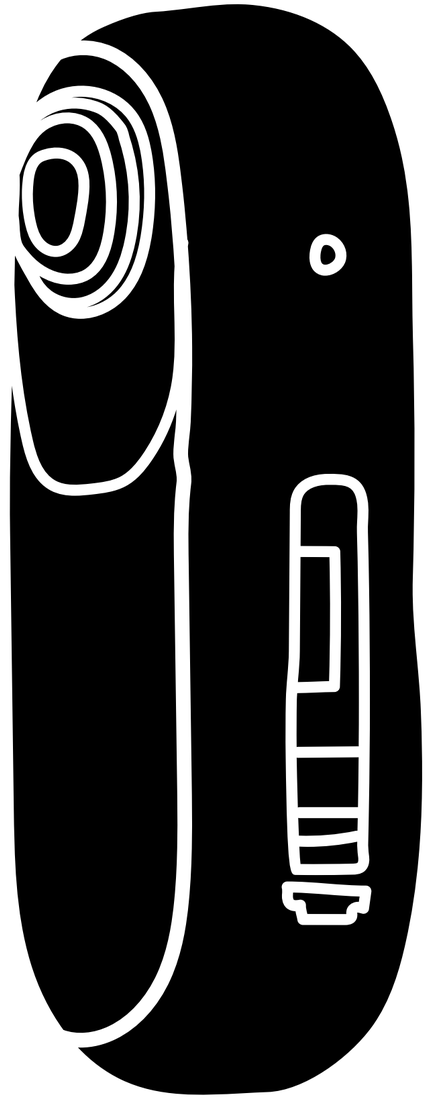
Captures Studio

Create Photorealistic 3D scenes using 360 Videos

A detailed guide



Scene Adjustment

- Make sure the Environment is evenly lit. For indoor, if there is hard sunlight entering the room, close the curtain or capture when there is no harsh sunlight. Turn on all the lights.

- Ensure that none of the objects in the scene move.

- Make sure that there are no people / as low a number of people as possible.

- Avoid or minimize mirrors and glass.





Camera settings

Make sure lens are clean and mounted in a minimum of 1m long stick.

M

Manual Mode

8K ULTRAHD 30 FPS

Max Resolution

< ISO 1600

ISO less than 1600

H.265

H.265 codec
High Bitrate
High Video Sharpness

WB

Adjust White Balance

High Shutter Speed

Capture in Manual Mode. Steps to adjust the setting:

1. Set ISO to Auto, with max ISO 1600.
2. Update the shutter speed. Keep it as high as possible while ensuring the image looks bright enough.
3. Fix the white balance according to your preference.
4. Sample shutter speed settings:

Condition	Shutter Speed
Outdoor Daytime	1/2000 – 1/4000
Outdoor Morning / Evening	1/640 – 1/800
Indoor Daylight	1/800 – 1/1000
Indoor Artificial Light	1/640 – 1/800

Capture tips

- Move slowly to minimize motion blur. Avoid sharp turns. Turn in arcs.
- Capture in one continuous video, 2–4 minutes long.
- Minimize your presence in the video. Keep the camera roughly 1 meter away from you.
- Keep the camera at least 0.5 meters away from any surface (walls, tables, floor).
- Cover the entire scene to minimize reconstruction artifacts.
- Avoid walking from bright areas into deep shadow (or vice versa) mid-capture.
- Move so that important areas directly face the camera lens.

Capture Path

Pass 1

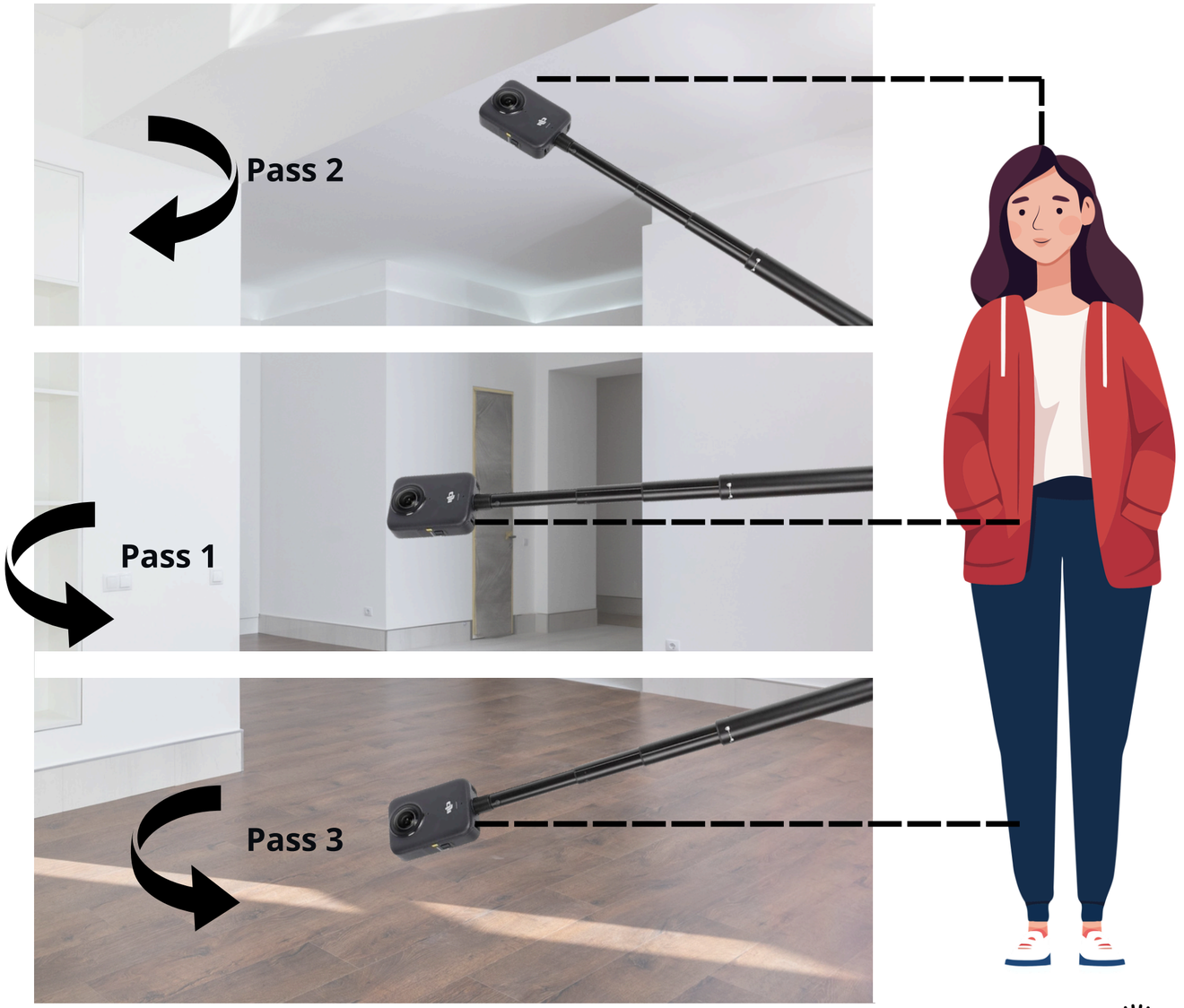
Camera at chest level, move around the perimeter of the scene slowly.

Pass 2

Camera at head level, move around the perimeter of the scene, same path, opposite direction.

Pass 3

Camera at waist/knee level, move around the perimeter of the scene, same path, same direction as Pass 1.



Capture Path

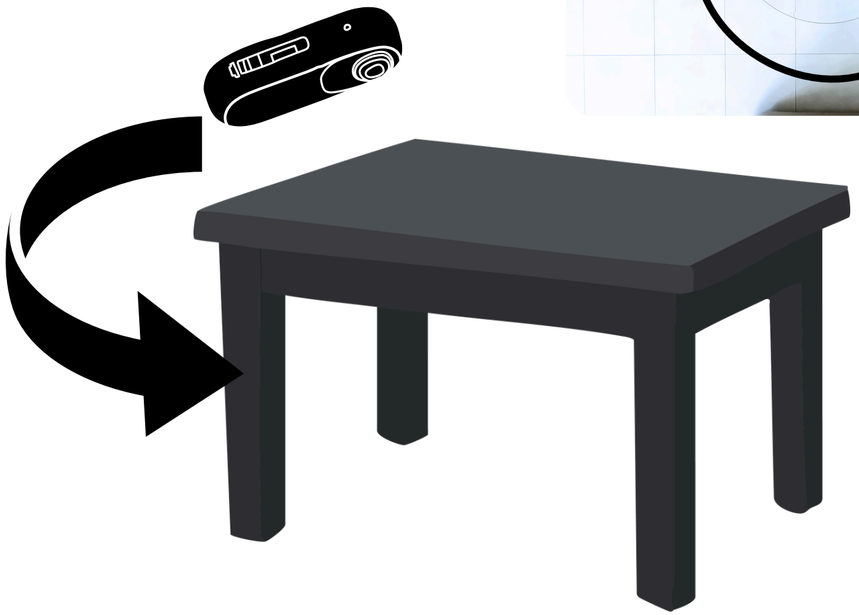
Pass 4

Move freely inside the scene in small loops or zig-zag patterns.

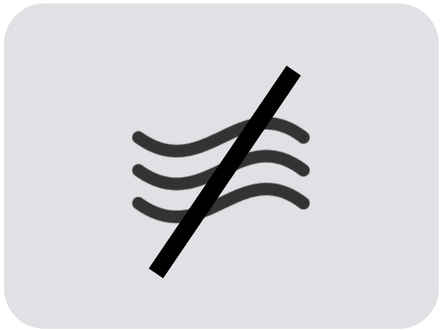


Pass 5

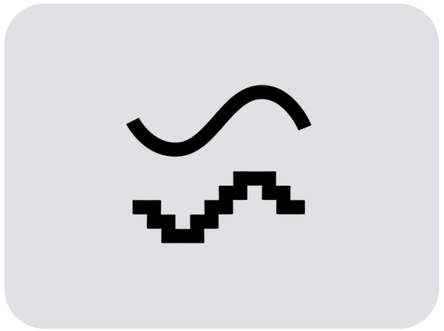
Focus on important objects — move around important areas/objects so the lens directly faces them.



Export Settings



Disable Auto Stabilization / Flow State



Maximum Bitrate



Export as Equirectangular 360 Video

Upload To Captures Studio

Go to *https://captures.studio/media-to-3d* and press **Create New.**

Drag and drop your files here.

