



Volumetric Video Capture

Quick Start Guide & Best Practices

Lighting

DOs

- Diffused/flat lighting
- Even lighting
- Within cameras' working levels

DONTs

- No hotspots
 - No spotlights
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Background

DOs

- Interesting backgrounds
- Add interest objects
- Varied objects or patterns

DONTs

- No repeating patterns
 - No green or blue screen
 - No backdrop or solid color background
 - No extra distance markers needed
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Camera Settings

DOs

- Subject in focus in every camera
- Same focal length for every camera
- Same white balance for every camera
- Genlock
- Same file start/stop time synced throughout sequence

DONTs

- No auto-focus

Rig Configuration

DOs

- Cameras directed at all sides of subject matter
 - Minimum of 3 cameras per every 15 degree section
 - Bust shots must have minimum 210 degrees of record data
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Body Sections

DOs

- Top of head
 - Back of head
 - Behind ears
 - Face
 - Torso
 - Back
 - Feet
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Sequence Capture

DOs

- Limit movement to meet the quality of the rig
- Enunciate clearly when speaking
- Flatten or matte overly shiny skin

DONTs

- No shiny surfaces (i.e. jewelry, glasses, chains, etc.)
- No thin objects (i.e. hat brims, lapels, jewelry, etc.)
- No flowy parts of clothing or hair

Have more questions? Let's talk!

512.222.3986

hello@modtechlabs.com