

video.svelte + double_video.svelte — Video Components

video.svelte

TODO: still being developed, going to change

The basic single-camera display component. Accepts a camera object from `state.svelte.js` and renders it as an `` tag pointing at the MJPEG stream URL. Supports two optional modes passed as the `mode` prop:

- **measure mode** — enables pixel-clicking for stereo measurement. The operator clicks two points across two camera feeds; the component calls `invoke("request_measurement")` with the pixel coordinates from both cameras and returns the result via an `onmeasurement` callback.
- **pick mode** — enables a pick-up interaction for probe/rock collection. The `pick()` function is a stub ready for the actual rover arm command to be wired in.

When no mode is set the component is a plain passive video display.

double_video.svelte

Displays two camera feeds simultaneously with a picture-in-picture layout. The primary feed fills the frame; the secondary feed appears as a smaller overlay in the bottom-right corner. Clicking the overlay swaps the two feeds, making the secondary feed the primary and vice versa.

Both feeds show a `△ SIGNAL LOST` overlay banner when their `stale` flag is `true` (set by the camera health listener in `state.svelte.js`). The secondary feed shows a smaller version of the same warning.

Props: `camera1`, `camera2` — camera objects from `state.svelte.js`.

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