

Common Issues

Build fails with "No valid proto files found under components/" The proto submodule is not initialised. Run `git submodule update --init --recursive`.

GStreamer errors at startup on Linux Verify the plugin path exists: `/usr/lib/x86_64-linux-gnu/gstreamer-1.0`. If your system uses a different architecture or distro the path in `lib.rs` may need updating.

GStreamer errors at startup on Windows Verify GStreamer is installed to exactly `C:\gstreamer\1.0\msvc_x86_64\` and that the `bin` directory is in your PATH.

Video feeds show "SIGNAL LOST" No camera is sending data on the expected UDP ports. Start `fake_camera_gstreamer` or connect the rover to get video.

White/blank window on launch The SvelteKit dev server may not have started yet. Wait a few seconds and the window should load. If it persists, check the terminal for Vite errors.

Model shows "Failed to load 3D model" In development, models are loaded from `src-tauri/models/`. Verify that `chibiRover.glb` (or your model file) exists there. In production builds, run `debug_resource_dir` from the Settings page to check where Tauri is looking.

"[Error] Unhandled Promise Rejection: ReferenceError: Cannot access uninitialized variable." Seems like a circular import error, check the name of the files, some require odd names such as `detected_objects.svelte.ts`. If you remove the `.svelte` it will error out oddly.

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