Getting started with Lynceus3D Pilot

Lynceus3D Pilot processes the video from your drone into 3D, plays it in XR glasses, and gives you the coordinates of anything you double-click in the picture. This page takes you from the download to your first flight in 3D.

Windows 11 | NVIDIA RTX graphics | No administrator rights | Activates offline | Patent pending

WHAT YOU NEED

- **Minimum requirements:** Windows 11 (64-bit), an NVIDIA RTX 30-series or newer graphics card with a current driver, 32 GB of memory, and 20 GB of free disk space.
- **XR glasses** on a USB-C port that carries video. The Lynceus3D Viewer Quick Start covers the glasses and the viewing controls.
- **Your activation code** from Lynceus Vision, sent by email.

WHAT IT WORKS WITH

- **The drone you already fly.**
- **Maps and terrain in the field.** Cache an area once while online, on the Pre-Flight tab, and the points you drop in that area get coordinates with no connection.
- **Offline activation.** Paste your code once. No internet connection and no online account are needed.
- **The Lynceus3D Viewer.** Everything the Pilot produces plays in the free Viewer on any other computer: flight packages, SEV3D, Lynceus3D Flight folders, flight levels and SEV videos.

STEP 1 · DOWNLOAD
Download the Setup

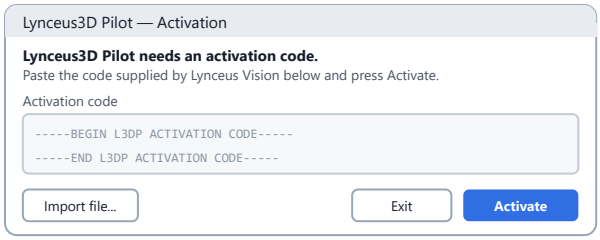
Go to **lynceus3d.com/downloads**, click **Download Lynceus3D Pilot** and save the zip (about 5 GB). Right-click the zip and choose **Extract All**. Run the installer from the extracted folder, not from inside the zip.

STEP 2 · INSTALL
Run the installer

- Open the extracted folder and double-click **Install Lynceus3D Pilot**.
- If Windows shows *Windows protected your PC*, click **More info**, then **Run anyway**.
- The Pilot installs on the same drive, needs no administrator rights, and adds a **Lynceus3D Pilot** icon to the desktop and the Start menu. The extracted folder removes itself when the install finishes.

STEP 3 · ACTIVATE
Enter your activation code

Start **Lynceus3D Pilot** from the desktop icon and accept the license. The Activation window then appears: copy the whole code from your email, including the BEGIN and END lines, paste it into the box and click **Activate**.



If Lynceus Vision sent a .l3dplic file instead of a code, click **Import file...** and choose it. Activation runs on your computer; no internet connection is needed.

STEP 4 · PROCESS
Process your first flight (Post Flight tab)

- Copy the video file from the drone's memory card onto the computer's drive first.
- Choose **Single File**, click **Browse...** and pick the video; set the **Output folder**.
- Keep the product on **Lynceus3D Flight (L3DF)**. Under **Surface Elevation Video (SEV)**, turn **SEV Products** on for the color relief as well, set **Camera** to your drone and lens or leave it on **Automatic**, and leave the gimbal on **Auto**.
- Click **Process Video**. The status bar shows the progress, and the finished flight is written to the output folder.

For a whole folder of videos, choose **Folder**, then **Select Folder**, then **Process All Videos in Folder**.

STEP 5 · VIEW
Play it in the glasses and drop a point (Flight Viewer tab)

- Plug in the glasses and switch them to 3D, as the Viewer Quick Start shows in its step 4. If they only copy your screen, press **Windows** + **P** and choose **Extend**.
- Click the flight you just processed in the catalog and click **Play 3D**. Start at depth level **3D2** or **3D3**. The mouse wheel zooms, a box dragged with the left button zooms into it, and a right-click centers the view there.
- **Double-click anything you want located**, in the glasses. A picture of it and its coordinates are saved in the flight's **Points of Interest** folder, and the **Points of Interest** button on the Pre-Flight tab puts them on the map.

Before you fly a new area, find it on the Pre-Flight tab's map and click **Pre-cache area** once while online. The imagery and terrain for that area are then stored on the computer, and points dropped there get coordinates in the field.