



Microscope — Setup Guide

How to connect a USB microscope to your phone, tablet or computer. Follow the steps in order.

Important — which devices work:

✓ **Works in this web app:** iPad with a USB-C port (iPadOS 17 or newer, in Safari), Chromebooks, and Windows or Mac computers (Chrome, Edge or Safari).

⚠ **Most Android phones and tablets:** the Chrome browser on Android cannot see USB cameras on most models. For Android you need the **Microscope Android app** from Malby Enterprises (coming soon). A few Android tablets do show the microscope in Chrome — try step 5 to find out. No extra "bridge" app is needed or recommended.

What you need

1. A **powered USB microscope** (it has its own LED lights and a light dial).
2. An **adapter** to fit your device: a **USB-C OTG adapter** (USB-A socket to USB-C plug), or a USB-C hub. If the microscope flickers or turns off, use a **powered hub** (one with its own charger).
3. A phone, tablet or computer that supports **USB OTG / USB host** (almost all USB-C tablets and computers do).

Step 1 — Plug in

1. Plug the microscope into the adapter or hub.
2. Plug the adapter into your phone, tablet or computer.
3. Check the microscope's **LED lights turn on**. Turn the light dial up if needed.

Step 2 — Allow the USB device (Android app only)

1. A message appears: "**Allow Microscope to access USB device?**"
2. Tick "**Use by default for this USB device**" so it won't ask every time.
3. Tap **OK**.

You will not see this message in the web app on iPad or a computer. That is normal.

Step 3 — Allow the camera

1. Open Microscope and tap the big  **Start camera** button.

2. When asked "**Use your camera?**", tap **Allow** (or "Allow while visiting the site").
3. If you tapped Block by mistake: tap the **lock icon** next to the web address, choose **Permissions → Camera → Allow**, then reload the page. On iPad: Settings → Safari → Camera → Allow.

Step 4 — Choose the microscope

1. Scroll to **Camera**. The microscope is marked  (**USB / external**).
2. Usually it is picked for you. If not, tap the camera list and choose the  one.
3. The app remembers your choice next time.

Step 5 — If the microscope doesn't appear

1. **Unplug** the microscope, wait 5 seconds, and **plug it back in**.
2. Tap  **Refresh cameras**.
3. **Fully close the app** (swipe it away from recent apps) and open it again.
4. Check the microscope **LED is on**. If not, it isn't getting power: use a **powered hub**.
5. Try a **different cable or adapter**. Some cheap adapters only charge.
6. Check your device supports **USB OTG** (search your model name + "OTG").
7. Android phone and still nothing? Chrome on that phone can't see USB cameras. Use the Microscope Android app, or an iPad or computer.

Questions? Email mail@malby.us — Malby Enterprises LLC

Web app: microscope-cam.pages.dev