



Eagle Eyes RID Receiver

QUICK START

Drones broadcast a digital licence plate as they fly, called Remote ID. This receiver listens for it and displays the drones it detects live on your map, so you can see the other drones in your airspace while you fly: on your drone controller, on a mobile device, or in the desktop app.

- **The Eagle Eyes RID receiver.** A USB-C cable comes with it. Nothing else: it has no battery to charge and nothing to pair, and it runs on the power of whatever you plug it into.
- **What you need.** Either the Eagle Eyes app on a DJI drone controller or an Android phone, or Eagle Eyes Mirada, the desktop app for Windows and Mac. Both are free to install, and you sign in with a free or a paid account.
- **It only listens.** The receiver transmits nothing. What it hears goes no further than you decide. See over.

PLUG IT IN



1 On your DJI drone controller or Android mobile device

The Eagle Eyes app, in Pilot Mode or Companion Mode

- 1 Install the Eagle Eyes app, **version 1.8 or higher**, and run it in either Pilot Mode or Companion Mode. Companion Mode is free.
- 2 Plug the receiver into the USB port. The app spots it on its own: tap **OK**, and you will see **Remote ID receiver connected**.
- 3 For the list of them, open the ☰ menu, choose **Quick Actions**, then the **RID** button. The number beside it is how many drones are being heard right now.

Settings live under **Settings > RID Receiver**. Works in either mode: piloting with the Eagle Eyes app, or companion mode alongside DJI Pilot 2 or DJI Fly.



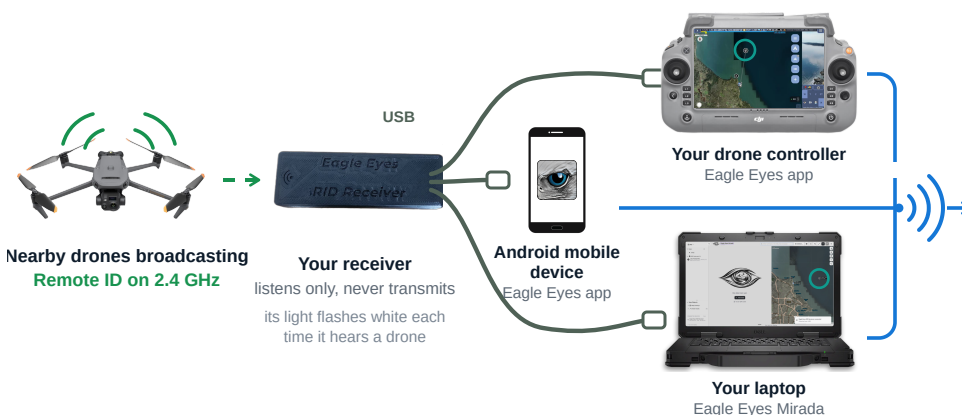
2 On your computer

Eagle Eyes Mirada, the desktop app for Mac and Windows

- 1 Plug the receiver into a USB port.
- 2 Mirada detects it automatically. A notification appears and the receiver is drawn on the map at your location, with the drones it hears alongside your media and flight tracks.
- 3 If it does not appear, add it by hand: **Add Data** → **Add RID Receiver** → **Eagle Eyes RID Receiver**.

Settings live under **Settings → Remote ID (RID)**. Use the desktop app, not Mirada in a browser: a web page cannot open a USB device.

WHAT IT PICKS UP



RID-transmitting drones are displayed on the map on whichever device you connect the receiver to

Rebroadcast to your team



other pilots with the Eagle Eyes app on their controller in Pilot Mode or Companion Mode



Mirada on a laptop

or in a phone

None of them needs a receiver of their own.

You choose who sees it. See over.



Eagle Eyes RID receiver setup, in more detail

EagleEyesSearch.com/rid/setup

Walkthrough videos for both apps.



Get the apps

EagleEyesSearch.com/download

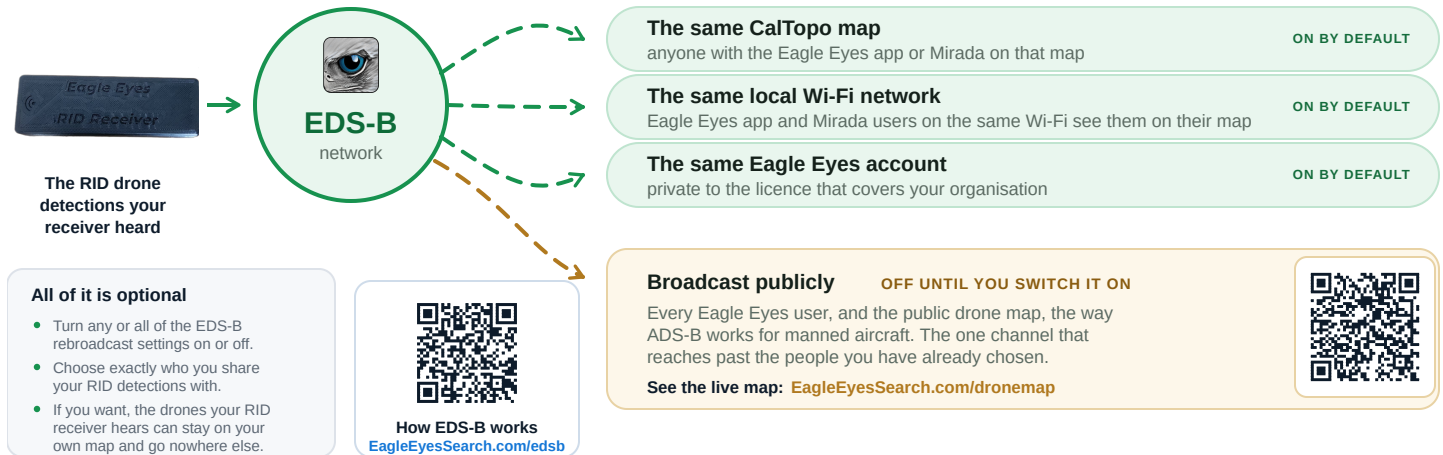
The Eagle Eyes app and Mirada. Both free to install.



Eagle Eyes RID Receiver

SHARE WHAT YOU HEAR
EDS-B

A Remote ID broadcast reaches only whoever is close enough to hear it. **EDS-B, Eagle Dependent Surveillance Broadcast, is the Eagle Eyes network for sharing drone positions. It is not the ADS-B network** and is not connected to it: ADS-B carries manned aircraft, EDS-B is the same idea built for drones. It is free, it is secure, it is open to anyone, and you choose who sees your own drone and the drones you detect. Every drone flying with the Eagle Eyes app on its controller can choose to share its live location on it, and the Remote ID drones your receiver hears travel on it too. One receiver on an incident puts those drones on everyone's map.



Public broadcast is off by default **OFF**

Every other channel reaches only the people you have already picked: your CalTopo map, your Wi-Fi network, your account. Public broadcast reaches everyone, every Eagle Eyes user and the public drone map, the way ADS-B works for manned aircraft. Switch it on and you are adding to the picture everyone flies with.

No receiver? Still covered **ON**

Eagle Eyes shows you the drones other people's receivers are hearing, with no hardware of your own. It is why one receiver on an incident is worth having, and why yours is worth switching on even when you are not the one flying.

Where to change any of it. In the Eagle Eyes app, **Settings > RID Receiver**. In Mirada, **Settings → Remote ID (RID)**. Rebroadcasting rides the channels you already share your drone's telemetry on. It never opens one you have not chosen.

Your own drone is not one of the detections

Connect an Eagle Eyes RID receiver to a drone controller running the Eagle Eyes app, in either piloting or companion mode, and RID-detected aircraft the receiver picks up is on your controller's map in real time as you fly. Your own drone is on that map too, from its own live location.

Your drone is broadcasting Remote ID as well, so the receiver hears it. Eagle Eyes deduplicates: your own aircraft is never drawn a second time as an RID detection, and that detection is never rebroadcast on any share channel you have set. Only the other drones your receiver hears travel.

Sharing your own drone's live location is a separate thing, and yours to switch on. That is the EDS-B sharing above.

RECEIVERS THAT WORK WITH EAGLE EYES



Eagle Eyes RID receiver

USD \$89.99 + shipping
Buy at
EagleEyesSearch.com/rid
Wired connection
Mirada and the controller app



DroneTag Rider

Sold by DroneTag
Wired and/or Bluetooth
Mirada and the controller app



DroneTag Scout

Sold by DroneTag
Wired connection
Mirada



DroneScout Bridge

Sold by DroneScout
Wired connection
Mirada



M5Stack Unit C6L

Firmware, one time USD \$20
Buy at
EagleEyesSearch.com/rid
Wired connection
Mirada and the controller app

You pay for the hardware. The Eagle Eyes app runs free with any of these devices, and so does the Mirada desktop app on Mac and Windows. You can also connect Mirada to the Eagle Eyes app on your drone controller or Android mobile device, and straight to the DroneTag API with your free DroneTag credentials.



Receivers, firmware, and drone controller mounting brackets

EagleEyesSearch.com/rid

Prices, ordering, and the STL files to print.