

ARRI + Dragonframe Setup Instructions

Version 2.6

Dragonframe 4.1 supports the ARRI ALEXA Mini, ALEXA Mini LF, ALEXA LF, SXT and AMIRA models.

Dragonframe 2025.01 adds support for the ALEXA 35.

Dragonframe 2025.09 adds support for the ALEXA 35 Xtreme.

What Does the Integration Do?

Primarily, the integration downloads full-resolution ARRIRAW files over a network connection, via ARRI's CAP (Camera Access Protocol). Note that for some cameras, such as the ALEXA 35, the camera provides an MXF file instead of an ARI file.

Additionally, with the ALEXA Mini and AMIRA, you can set Shutter Speed and ISO (Exposure Index) via the Camera Settings in Dragonframe.

In other words, Dragonframe can use the ARRI camera as a capture source.

What About Live View?

For live view, use a Blackmagic Design capture device, and take the SDI output of the camera into Dragonframe through that. We have a list of supported Blackmagic Design hardware on our camera setup page.

<https://www.dragonframe.com/camera-support/>

What Hardware Do I Need?

You need the ARRI camera.

You may need an ARRI Ethernet accessory to get a direct connection between the camera and the computer.

ALEXA Mini: ALEXA Ethernet/RJ-45 Cable KC 153-S (K2.72021.0)

If your computer does not have an ethernet (RJ45) input, you may need an adapter. For example, most Mac laptops in the last few years do not have a wired network connector. You can get a Thunderbolt->Ethernet or USB->Ethernet adapter.

Can I Use WiFi instead?

For the ALEXA Mini, you can use WiFi instead. However, the Ethernet connection will be much faster.

Setup Instructions

1. **DF4 only:** In Dragonframe, go to the **Preferences | Capture** and make sure the 'WiFi camera module' is enabled. If it wasn't, you will have to restart Dragonframe after making the change.
2. Connect the camera's SDI output to the Blackmagic device, and connect the Blackmagic device to the computer.
3. In Dragonframe, choose the Blackmagic device as the **Video Assist Source** (in the Capture menu).
4. Verify that you see the live video stream within Dragonframe. If not, review our Camera Setup page for Blackmagic device instructions.
5. Connect the ARRI camera ethernet cable to your computer.
6. Test the connection from your computer by typing the ARRI's IP address into a web browser. It should bring up the ARRI menus.
7. In the ARRI menus, set the LAN network settings to use a static IP address. For example, 192.168.0.100.
8. In the ARRI menus, find the **Camera Access Protocol** setting, and make sure it is enabled.
9. In the ARRI menus, set the **Camera Access Protocol** password, and make a note of it.
10. In the ARRI menus, set the shutter value to 'exposure time'.
11. On your computer, configure your LAN network settings to use a static IP address. For example, use 192.168.0.101, with a subnet mask of 255.255.255.0.
12. In Dragonframe,
 - a. **DF4:** Go to the Capture menu and choose 'Configure WiFi Cameras...'
DF5+: Go to the Scene menu and choose 'Cameras...', then press 'Configure IP Cameras...'
 - b. In the dialog, click 'Add' to add a camera.
 - c. Choose the ARRI camera type from the dropdown.
 - d. Set the network to LAN.
 - e. Enter the IP address of the camera, "192.168.0.100" (if that's what you used).
 - f. Enter the password of the CAP, which you set/checked in step #9.
 - g. Press OK in that dialog, and then OK to dismiss the WiFi camera dialog.
13. Choose the ARRI camera as the Capture Source (in the Capture Menu).
14. It should connect. Go to the Cinematography workspace and attempt to take a test shot. You should also see options for shutter speed and ISO (for ALEXA Mini and AMIRA).