



# RED® RCP2 Camera Control



If you update your KOMODO firmware to version 1.4, be sure to update your monitor to firmware version 4.4.3 or newer, available from our [Downloads](#) page.

Red camera control is available as a license on monitors that support Camera Control and is compatible with both the **RED KOMODO** series and **RED V RAPTOR** series cameras. A specific USB cable must be purchased as well to allow the monitor to communicate with the camera. The license and cable are [available bundled](#) directly from SmallHD or authorized resellers.

**NOTE: You will need Software and a Compatible Cable to control the camera.**

## Activating Your License

Your license kit comes with a card that has your activation code as a special link in a QR code. Scan this link with your smartphone or enter it on a computer to go to the activation webpage.

\*You can also buy the license separately off the website and this code will be emailed to you.

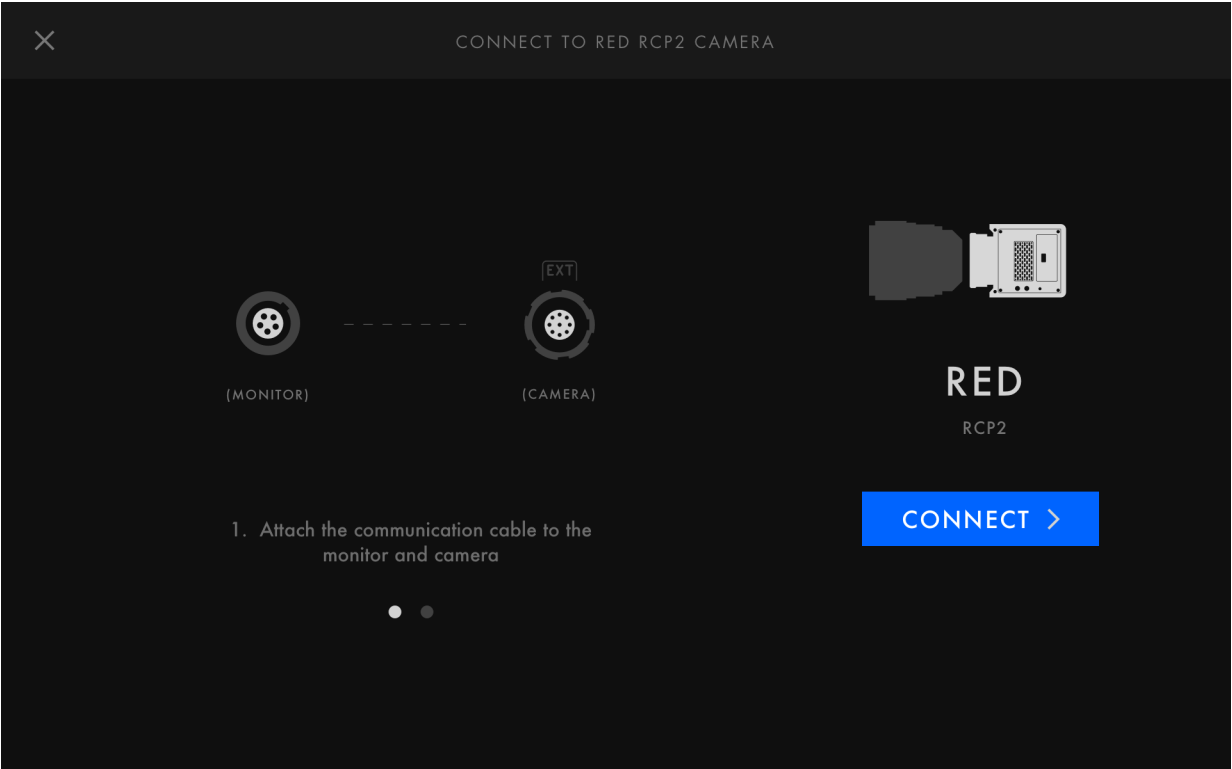
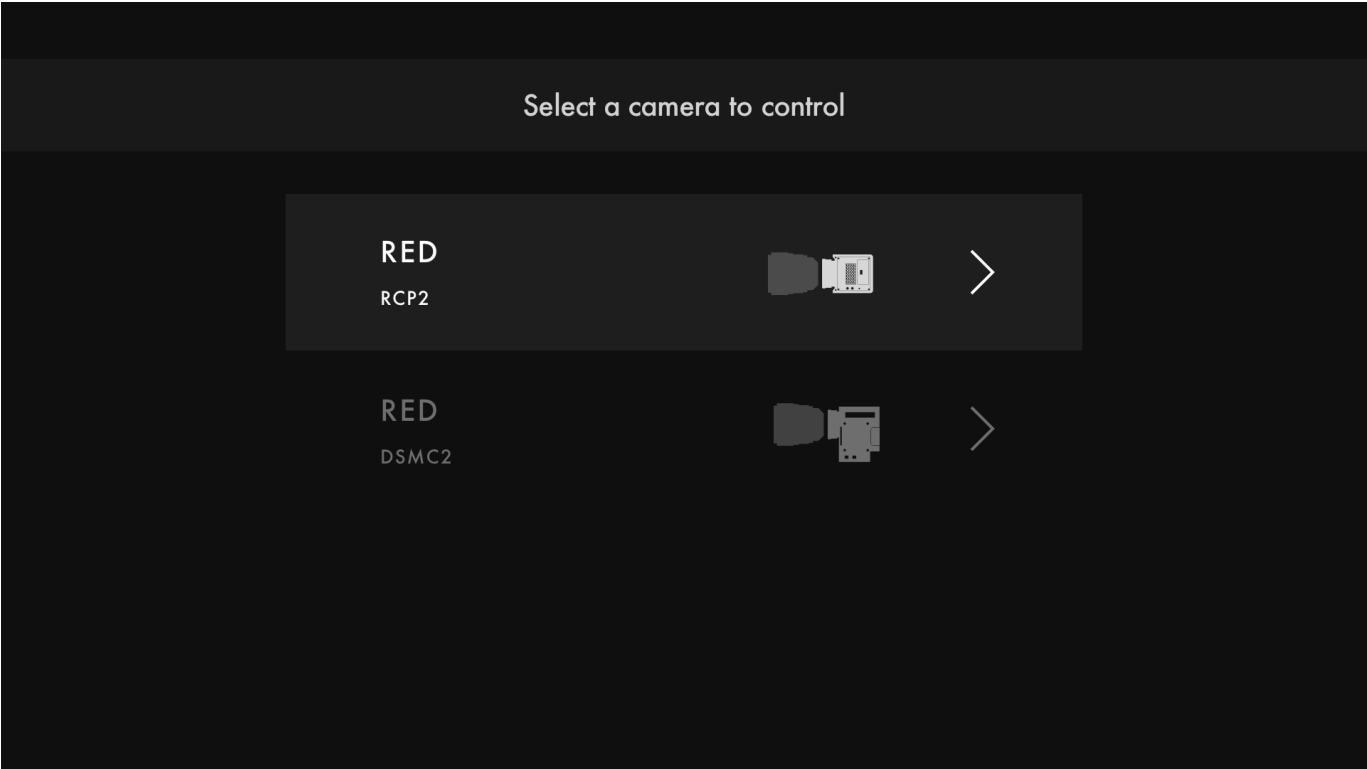
On your monitor, go to **Settings** and scroll down to **System > Licenses**. Tap the button to add a new license.

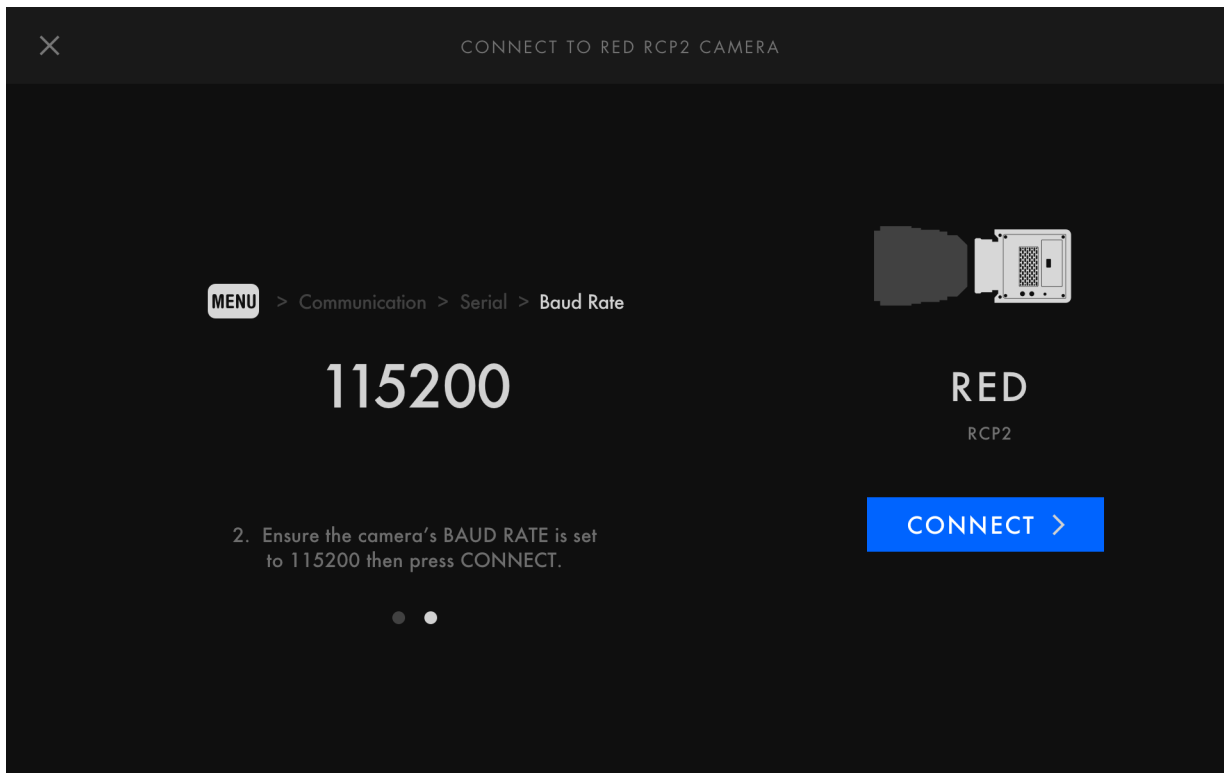
Your monitor will display a token. Enter this token on the activation webpage. The webpage will then display your activation key and all you need to do is to enter on the monitor. Once entered, your monitor will add a Camera Control page where you can control your camera.

\*You will need to be sure that your CAMERA CONTROL PAGE is active.




## Connecting Your Camera





Connect your USB cable to the port on the back of your Monitor, wither directly using the Camera Control cable and USB adapter (If Applicable), below the battery plate. Tighten the locking connector into the adjacent screw for security. Connect the other end of the cable to your camera. Be sure the serial communication is enabled on the camera and that the baud rate is set to 115200.

Once all physical connections are made, go to your monitor's camera control page. If you have more than one camera control license, choose the Red RCP2 license, then press the Connect button. Wait 30 seconds after connecting and powering on the devices before pressing the Connect button.

 Your monitor will remain connected to the camera even if the camera enters sleep mode. Turning the monitor off will require you to re-connect to the camera. If you need to connect to a different camera, you will need to turn the monitor off and then on again.

## FEATURES

Supported control will depend on your version of RED camera. Certain cameras have features others do not. You should have control over all aspects available minus the ones listed below.

This is a list of the features NOT currently available: (3.6.1)



Configuring User Buttons  
Custom Profiles (User Presets)  
Goalposts  
Color Matrix

## TROUBLESHOOTING TIPS

"Check cable Connection" - If you are getting this error and have followed the above steps, be sure to check all 3 connection points (monitor to adapter, adapter to cable, cable to camera).

You can remove the USB adapter, click connect and then re-plug in the USB adapter to the monitor. Sometimes this does not seat quite right the first time.

The 4 pin Lemo cable can be checked with a Volt meter to be sure the connections are good. It's a 1:1 pin configuration.

To check the Micro USB port, you can get a Micro USB to SD card reader and plug in your SmallHD (or 2,4,8,16 GB) SD card and see if the monitor can see it, if not, then there is an issue with the port. [Or thumb drive]

If your camera stops connecting after upgrading the camera's firmware, be sure to re-enable the Red Command Protocol under Menu > Settings > Setup > Communication > Serial.

\*Monitoring Audio Levels, Goal Posts or other RED interfaces Metadata

You will have a couple of options. To use any tools, you can set them up on the next page and swipe between the two.

You can also use the RED overlay sent down the SDI set the following to ON:

RED Menus > Monitoring > SDI >

-Guides

-Tools

-Overlay

The drawback of this method is it reduces your screen real estate and the actual image from the camera a bit.

Connection Options:

**RED KOMODO** or **V RAPTOR CONTROL CABLE** and SmallHD unit with 5pin LEMO Controlport  
or

**RED DSMC2** or **DSMC3 CONTROL CABLE**, Wooden Camera C Box for Komodo, and SmallHD unit with 5pin LEMO Controlport

or

**RED KOMODO** or **V RAPTOR CONTROL CABLE** and SmallHD unit with USB to 5 pin Adapter.



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