ATOMOS

SHINOBI 7 II

Z CAM SETUP GUIDE

Camera control via ethernet

Connect a supported Z CAM camera directly to Shinobi 7 II to access camera control and touch focus over Ethernet.

WHAT YOU NEED

- Atomos Shinobi 7 II running **AtomOS 11.08.01** or above.
- A supported Z CAM camera: E2, E2-M4 or E2-F6.
- An Ethernet cable.
- An HDMI cable for the camera's video output.

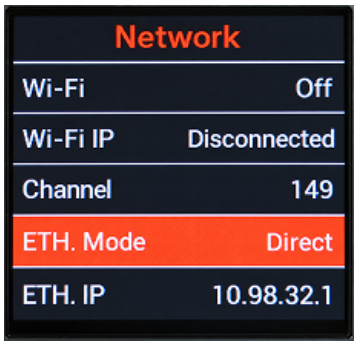
This setup requires a direct Ethernet connection between the camera and monitor. Connections through a router or wireless access point are unsupported.

Upgrading to the latest version Z CAM firmware recommended.

CAMERA CONTROL SETUP

Configure the camera

1. Open the camera's Network menu
2. Select **ETH. Mode**.
3. Set the mode to **Direct**.



In Direct mode, the camera acts as the router. Shinobi 7 II will receive its IP address automatically when DHCP is selected.

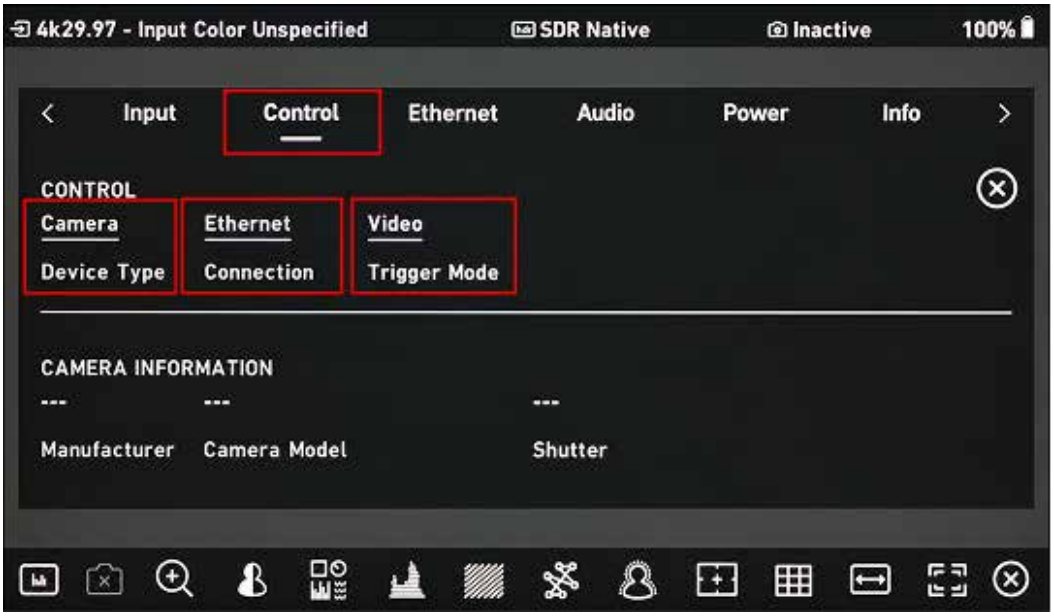
Connect the camera and monitor

HDMI carries the camera image. Ethernet provides camera control.

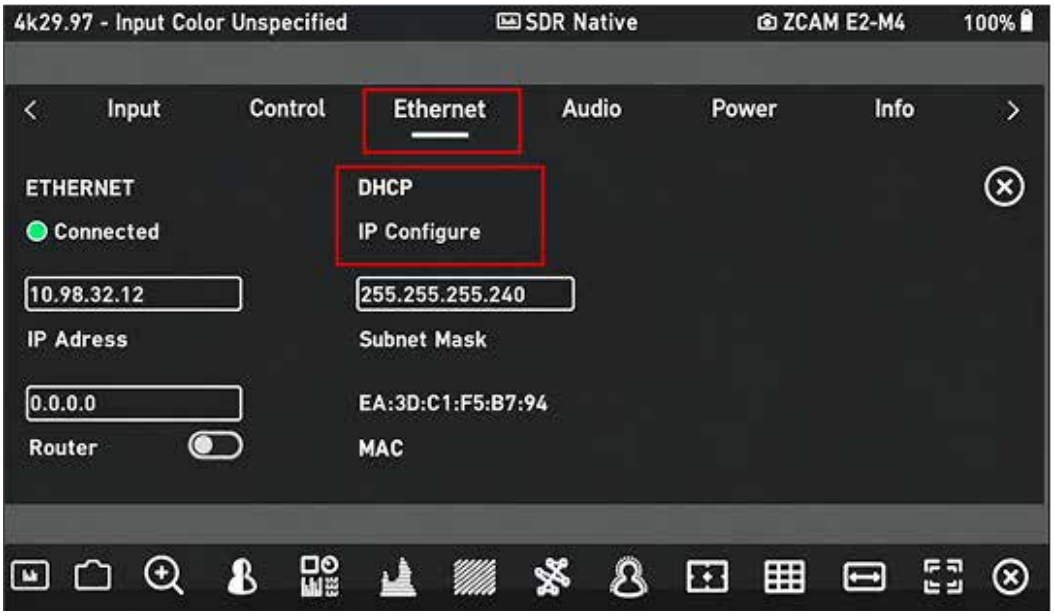
1. Connect the camera's HDMI output to the HDMI input on Shinobi 7 II.
2. Connect an Ethernet cable **directly** between the camera and Shinobi 7 II.
3. Make sure both devices are powered on.

Configure Shinobi 7 II

1. Open the Shinobi's "Control" menu.
2. Set **Device type** to **Camera**.
3. Set the camera control **connection** to **Ethernet**.
4. Set **Trigger mode** to **Video**.



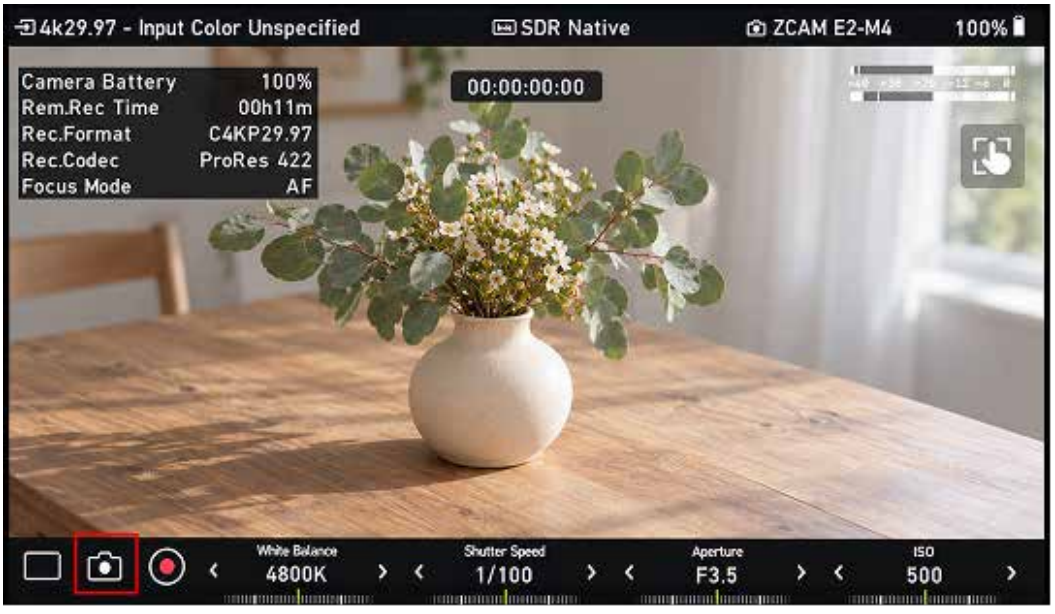
5. Tap the **Ethernet** menu, and select **DHCP** for automatic **IP configuration**. Wait until the **Ethernet status** shows **Connected**.



5. When camera is connected, return to **Control** menu and activate **Tap to Focus**.



5. Close the menu and tap the Camera icon to enter camera control mode.



USING A STATIC IP ADDRESS

This guide uses DHCP network setup however static IP configuration is also supported.

The camera's static IP address must be set through Z CAM's web browser interface. Setting it through the camera's own menus will not work. Then configure Shinobi 7 II to use a different IP address on the same subnet.

TROUBLESHOOTING

Camera not detected

Check that the Ethernet cable is securely connected between the camera and Shinobi 7 II.

Confirm the camera's ETH. Mode is Direct, the monitor's IP Configure setting is DHCP, and the Control tab shows Device Type: Camera and Connection: Ethernet.

No camera image

Check the HDMI connection from the camera's output to the monitor's input.