

User manual

for Fox & Lynx cameras



Get started

This user manual will help you get started with your new cameras.

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Camera assembly

1. Scan QR code below for a video tutorial.
2. Go to swingcatalyst.com/drivers and install the drivers listed under 'Swing Catalyst cameras'.
3. Download and run the driver install. Follow the on-screen instructions.
4. Once the drivers are installed, connect your camera(s) to your computer (if you have a Lynx camera or more than two Fox cameras, follow instructions on page 4).
5. Open Swing Catalyst software and go to Settings -> Cameras to confirm they are showing up in the list.

Video tutorial:



[Click here to watch](#)

Support articles:



[Click here to explore](#)

Installing controller cards

Only necessary if you have a Lynx camera or more than two Fox cameras.

Your PC will need a free PCI Express 1x or 16x slot to accommodate the PoE network card (only for Lynx cameras).

1. Scan the QR code for a short video tutorial on how to install your PoE network card or USB controller.

Fox:



[Click here to watch](#)

Lynx:



[Click here to watch](#)

Optimizing camera settings

1. Scan the QR code for a short video tutorial on how to adjust camera settings.

2. A lower exposure helps minimize club blur. There are several steps you can try to adjust this:
 - a. Lower the exposure as much as possible, depending on your available lighting. Usually, an exposure value of ~500 will give a minimum blur.

 - b. Increase the gain to brighten the image.

 - c. Open the aperture on the lens to brighten the image (see camera assembly video on how to adjust this).

Camera settings:



[Click here to watch](#)

You are now ready to start collecting swings!

FAQ

- Camera distance:

7ft to 20ft / 210cm to 610cm is the suggested distance from the camera to the hands of the player.

- Camera height:

3'0 to 3"6" / 90cm to 110cm

- I have a lot of flickering from my lights or projector. How do I fix that?

Setting the frame rate to 120 FPS in the advanced camera settings will reduce flicker (see Camera Settings QR code on page 5).

- My cameras are hot to the touch, is this a problem?

Not at all. They are industrial cameras meant to run for long periods of time.

