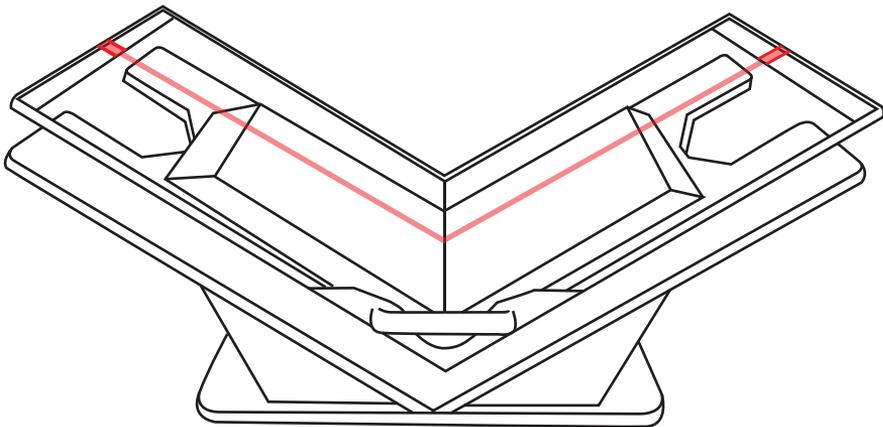


The Laser Focus for BookDrive Pro

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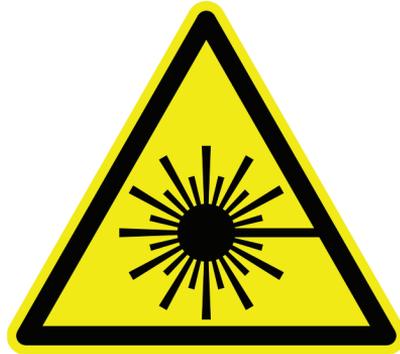
What is the Laser Focus?



The Laser Focus is an add-on accessory for BookDrives. The Laser Focus projects red line onto the V-Shaped cradle for a short period of time to help cameras lock focus properly. The laser line automatically disappears just before the cameras scan the book.

Safety Information

This product contains **Class 2M laser**.

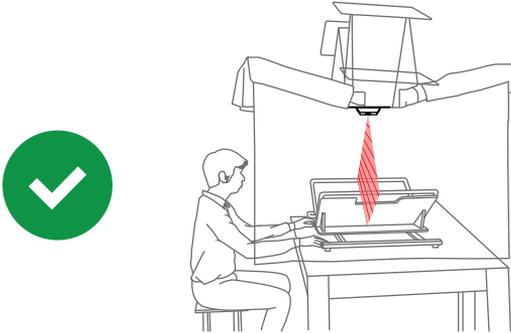


Description

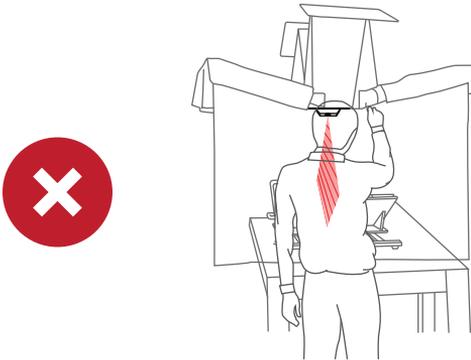
A Class 2M laser is safe because of the blink reflex if not viewed through optical instruments. As with class 1M, this applies to laser beams with a large diameter or large divergence, for which the amount of light passing through the pupil cannot exceed the limits for class 2.

 **CAUTION**

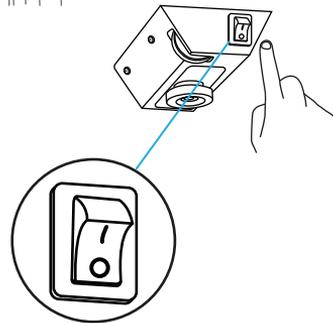
It's safe to operate BookDrive from the front of the machine.



Be careful. Don't look directly at the laser from the side of the machine where the laser may bounce off into your eyes.



If you want to work on the side of the machine sometimes, be sure to turn off the laser first.

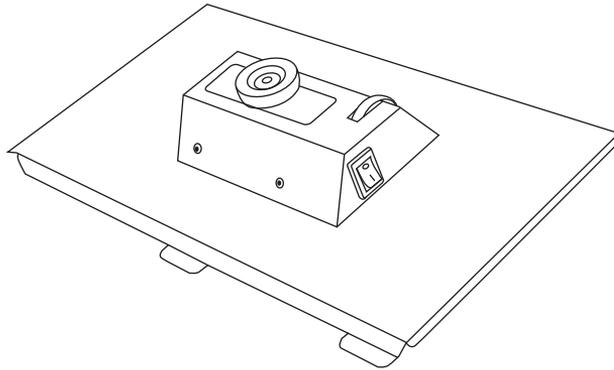


This is when it is OFF.

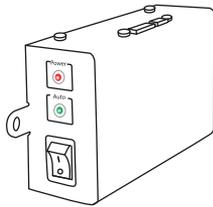
How to install the Laser Focus?

The Laser Focus kit comes with the following.

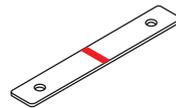
(You can skip to step 7 on page 9 if your BookDrive unit already comes equipped with the Laser Focus integrated.)



1. Laser Focus Unit



2. Auto Capture Switch



3. Laser Guide

1. Remove knobs and put the laser guide in place on top of the V-shaped glass.



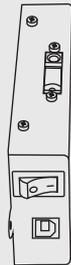
2. Lock the knobs.



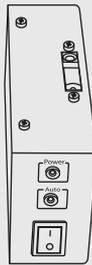
3. Replace BookDrive Pro's old Auto Capture Switch with the new Auto Capture Switch.

For the Laser Focus to work properly it requires the newly designed Auto Capture Switch.

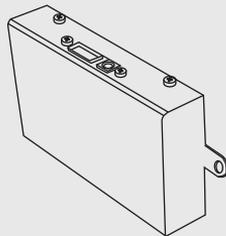
Comparison between the Old vs. New Auto Capture Switch.



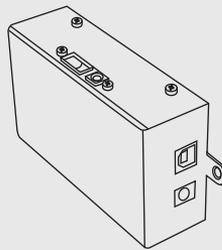
Old



New



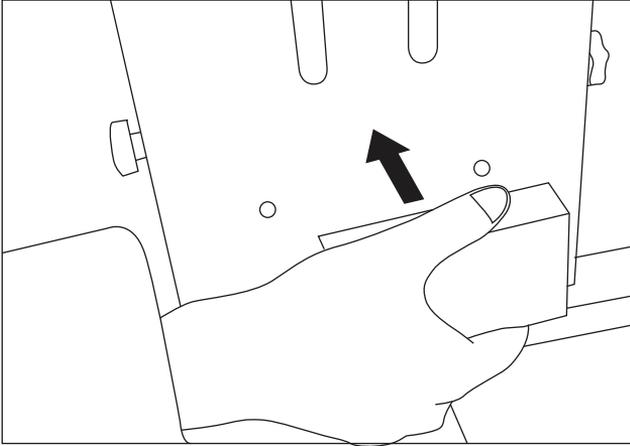
Old



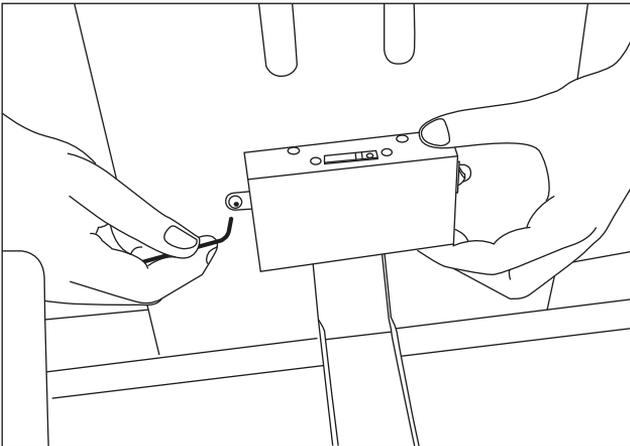
New

The old version was a minimal one. The USB port and switch are in the front.

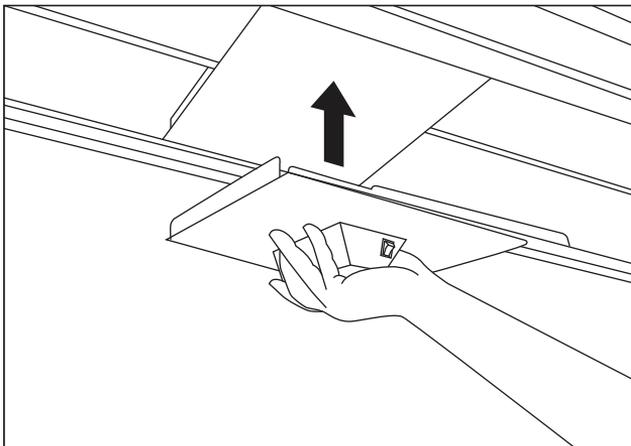
The new version, the USB port is moved to the back to make room for 2 status LEDs.



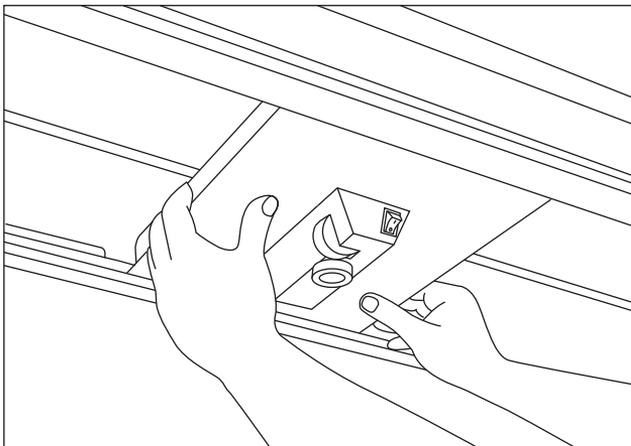
4. Mount it to match the holes and then lock the screws.



5. The Laser Focus case is magnetic. Connect it to the center roof as shown.



6. Adjust so that the body fits properly and centered on the roof.

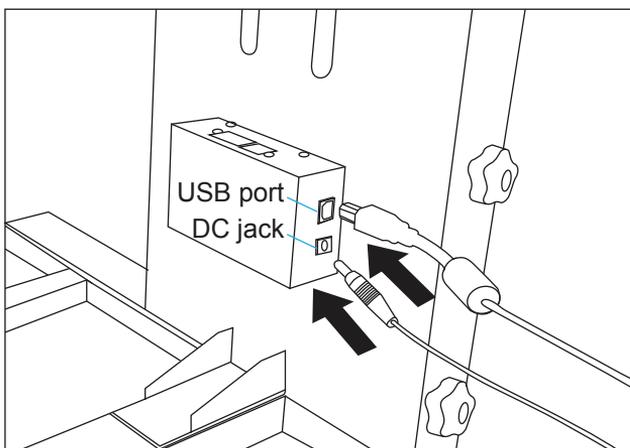


7. The camera should be set as AF (Auto Focus) to benefit from the laser.

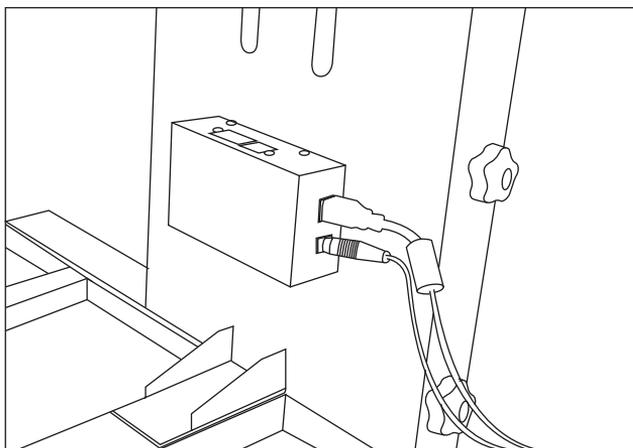


8. On the back of the Auto Capture Switch box,

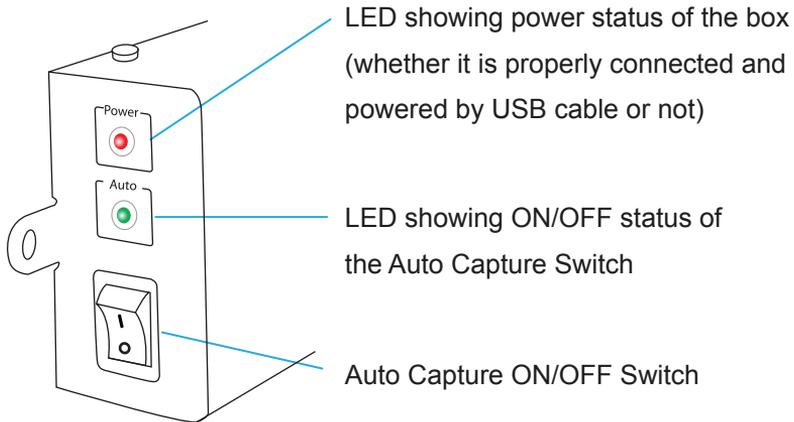
- Plug the USB cable to the USB port.
- Plug the Laser Focus power cord to the DC jack.



9. The Laser Focus is now completely installed.



What's new in the new Auto Capture Switch?



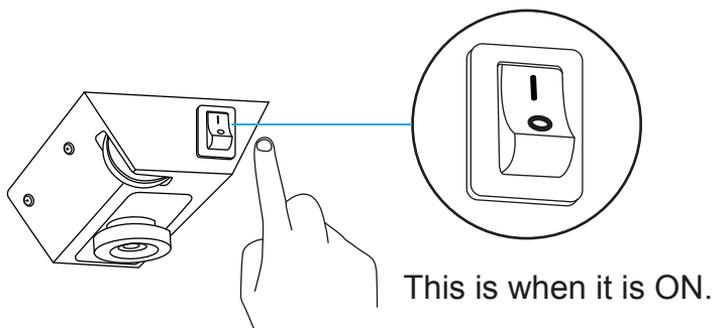
The Laser Focus gets power from the Auto Capture Switch box through DC jack. The Auto Capture Switch box, in turn, gets the power from the PC through USB cable.

The Laser Focus only relies on the Auto Capture Switch box as a power source, but it works independently of each other.

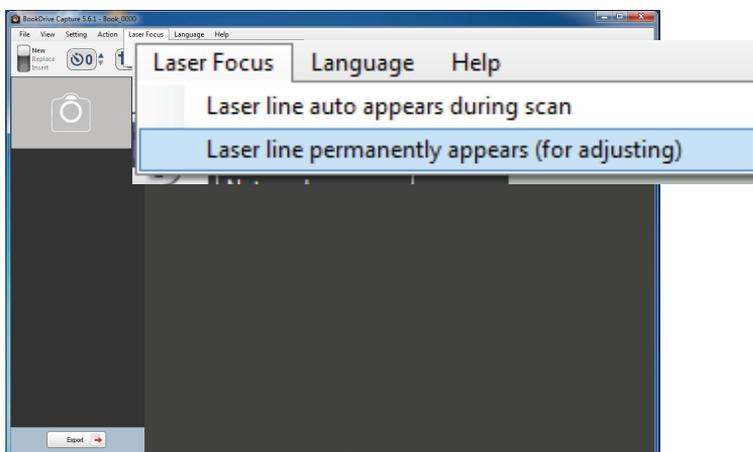
You can use both functions (Auto Capture and Laser Focus) at the same time or you can use either function one at a time. Up to your preference.

How to use the Laser Focus?

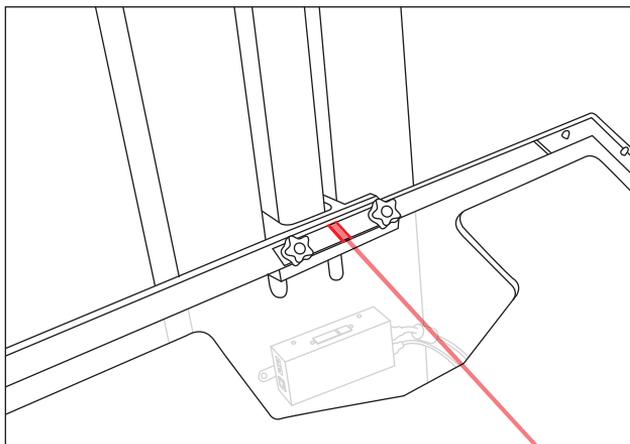
1. Turn on the Laser Focus.



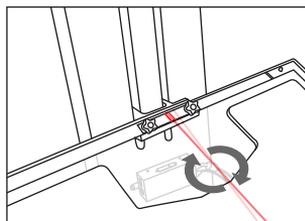
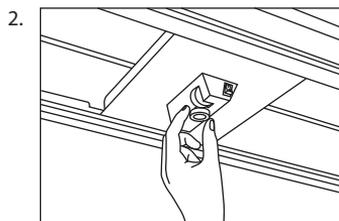
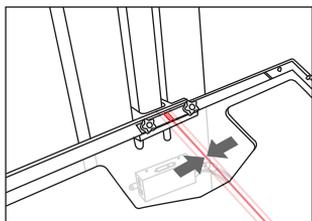
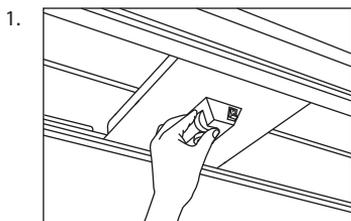
2. When using it for the first time, in BookDrive Capture software menu, select **Laser Focus/ Laser line permanently appears (for adjusting)**



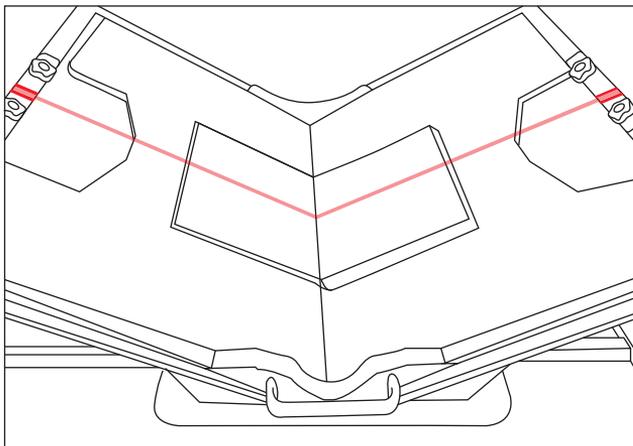
3. Note that the laser line should match the laser guide on both left and right sides of the V-shaped glass.



4. If not, slightly adjust the position of the Laser Focus unit itself.
For fine adjustment, turn the dial as shown.



5. When the position is properly calibrated, this is how it should look.



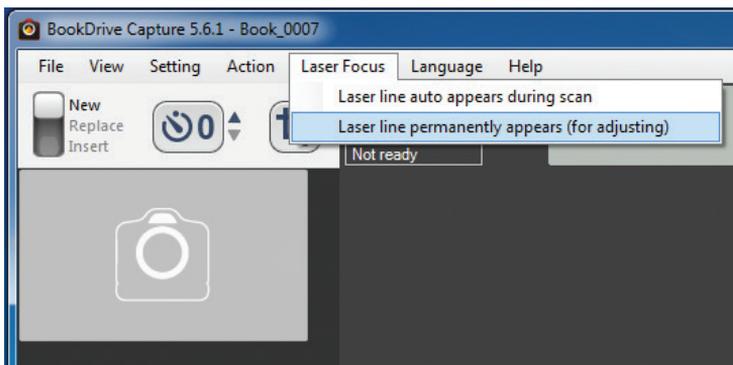
How to set the Auto Focus point in the camera to work with the Laser Focus?

To use the Laser Focus, the camera must be set as AF (Auto Focus). You can set it at the camera lens.

It's important that the camera be set to focus at the point where the laser line will be projected to.

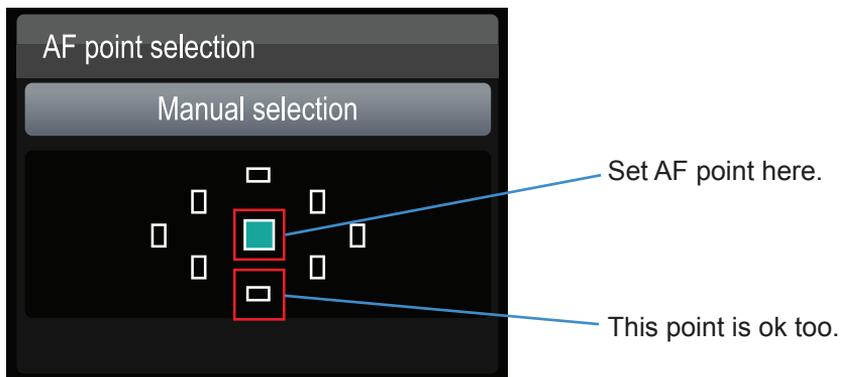
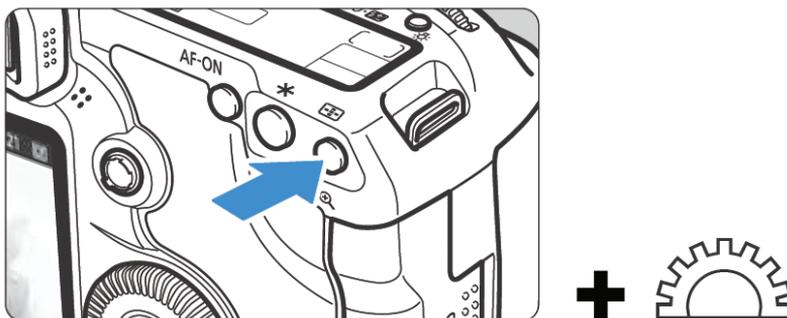
Here are the steps:

1. First, temporarily set in BookDrive Capture software so that the Laser line permanently appears while we're adjusting (and then we will turn it to auto appear after finish adjusting).

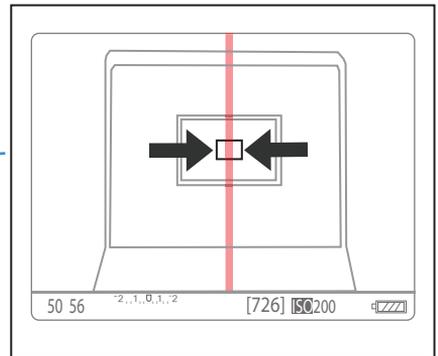
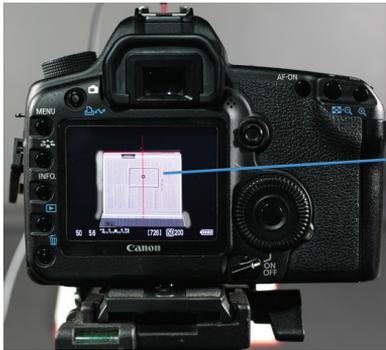


2. For the camera, set at the camera lens as AF (AutoFocus).

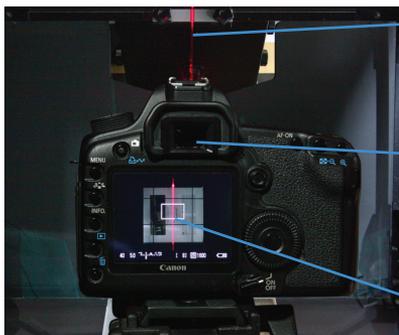
Then press the AF point selection button and configure so that the AF point is at center point as shown here. You should do all this before you mount the camera to the BookDrive platform.



3. Turn on camera's Live View function. Then mount the camera on the platform. You will see that the center AF point is tiny. It's important you position the camera so that the laser line falls within the center AF point (that tiny little black square). You will never have a failed focus again if the laser line falls within the center AF point.

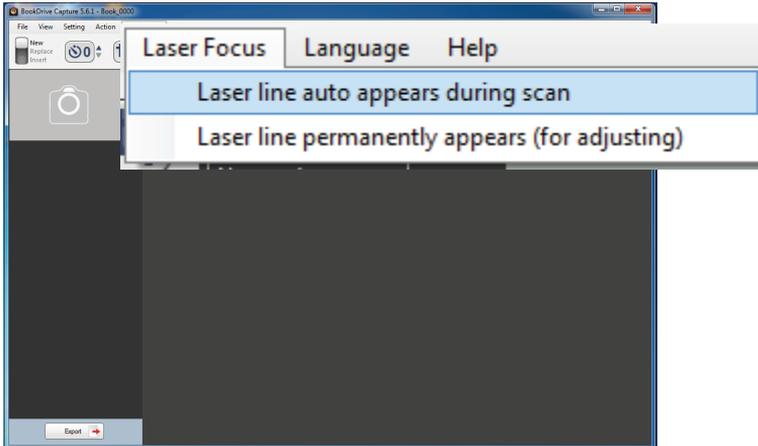


**If focus point does not show in Live View, please see camera instruction manual*

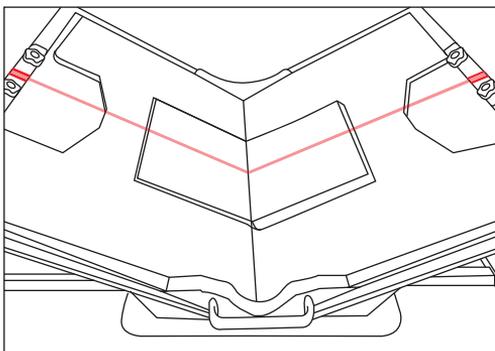


-  Avoid looking directly at the red laser line from the side of the machine.
-  Avoid looking through the viewfinder (because the laser could still get to your eye).
-  Only look through the camera Live View screen

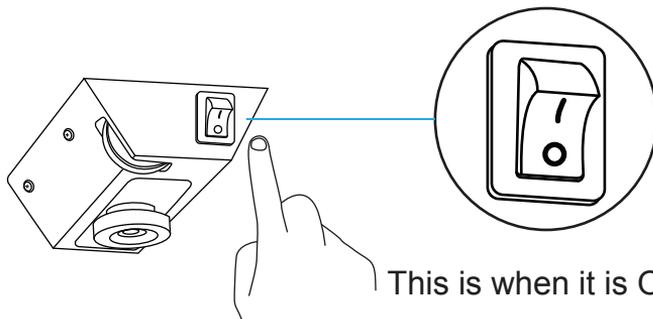
4. Now that the laser line is properly adjusted, change the setting in the BookDrive Capture software to **Laser line auto appears during scan**.



5. The Laser focus will project the red laser line itself and the red laser line will disappear every time you scan a page.



6. When you've finished scanning or want to completely disable the Laser Focus functionality, simply turn the switch off.



This is when it is OFF.

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