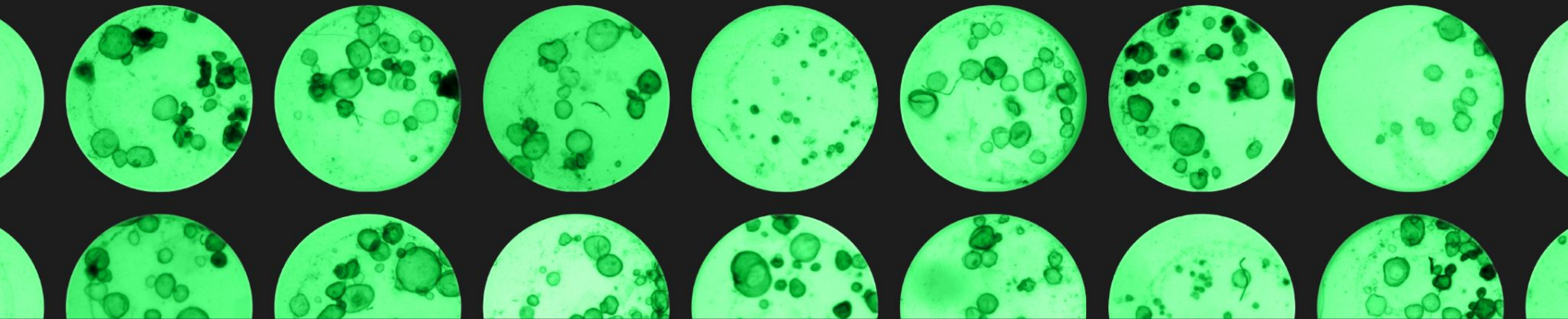


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LIVE IMAGING
MEET HIGH THROUGHPUT



Setting up the Kestrel



In the Kestrel Pelican Case



Tightly packed Kestrel wrapped in the antistatic bag



Bag of cables that will be plugged into the Kestrel



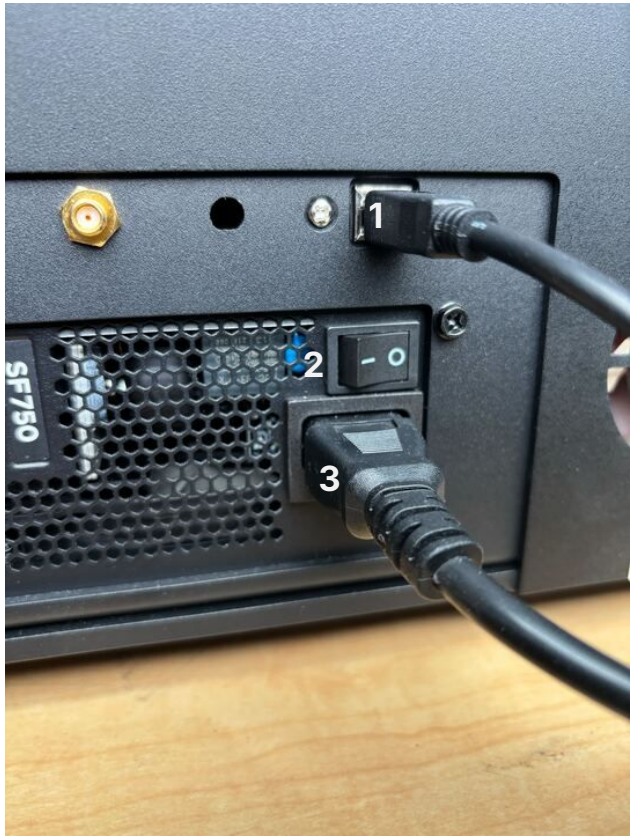
Stage insert and diffuser (components to go inside the Kestrel)



Dolphin cables that connect the Kestrel to the computer

Set the Kestrel up in your desired location

Plug in components to the Kestrel, wait until everything is fully plugged in to power on the Kestrel



1. USB 2.0 connects the Kestrel to the computer



2. Kestrel power switch in the off position

3. Nema power plug - plug other end into a power outlet



Dolphin cable connections:

- Connects the Kestrel to the computer
- Please handle these cables gently and do not bend them
- You will hear a **click** when you plug them in
- Pull the green tab to unplug!
- [Link](#) for more information



1. There are four ports on the right side of the Kestrel for the dolphin cables
2. Plug cables in with green tabs facing the back of the Kestrel and numbers facing forward
3. 0 will plug into the top port and 1 will plug into the second port, leaving the last 2 ports open



Stage Insert and Diffuser

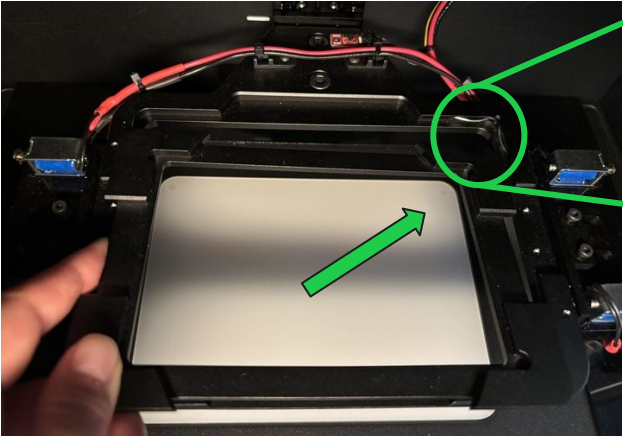
These pieces will be removed for shipping



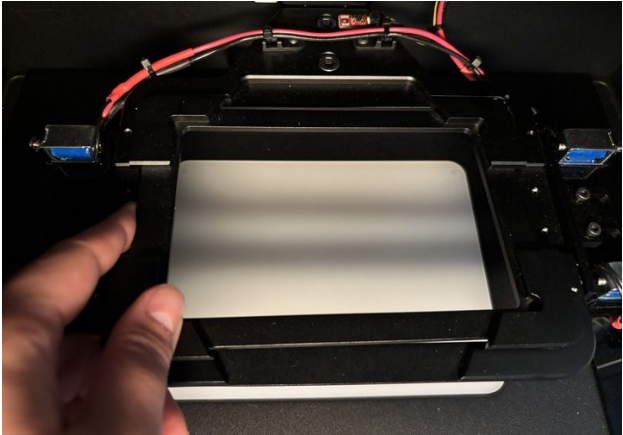
1x Stage Insert (black rectangle)
1x Diffuser (white slab)

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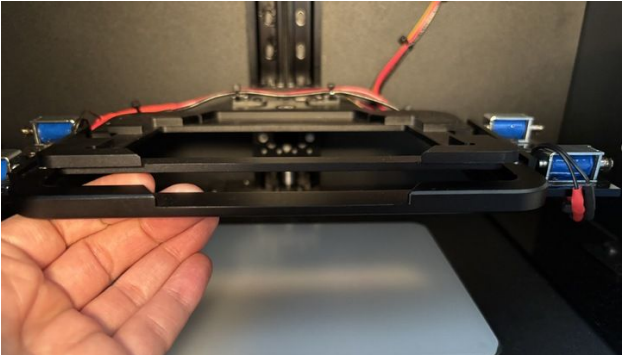
Slide stage insert into the top right corner (see inset) and push the corner into the metal prongs. Place the diffuser over the led lights.



With the prongs pushed in push down the stage insert, it will stabilize once in place



Pop up to remove



In the Computer Pelican Case



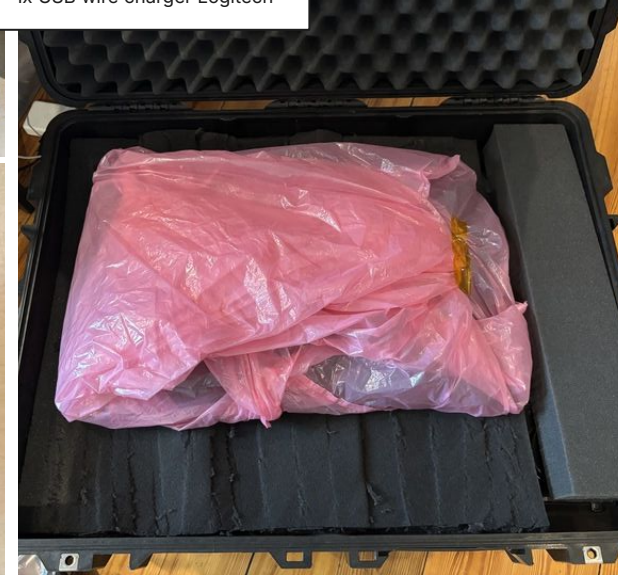
Tightly packed computer wrapped in the antistatic bag



2x wifi adapters
2x NEMA cables
1x USB 3.0
1x display port cable
1x ethernet cable
1x mousepad
1x USB wire charger Logitech



Bag of cables that will be plugged into the computer



Tightly packed monitor wrapped in the antistatic bag



1. Attach monitor base and stand



2. Manually tighten screw to attach the stand from the base



3. Slide the tabs of the monitor stand into the back of the monitor



4. Click into place



Final monitor setup!



To release, press this button

Monitor



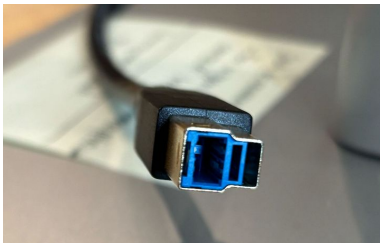
1. Nema power plug - plug other end into a power outlet



2. Displayport cable



3. USB 3.0 connects the computer to the Monitor





1. USB 2.0 connects the computer to the Kestrel

2. USB 3.0 connects the computer to the monitor

3. Ethernet cable

Computer

Password: gigapixel



Wifi adapters
Twist to screw in



Note: Different adapters have different antenna shapes (some lack antenna completely). Also, adapter location varies.



Dolphin cable connections:

- Connects the Kestrel to the computer
 - Please handle these cables gently and do not bend them
 - You will hear a **click** when you plug them in
 - Pull the green tab to unplug!
 - [Link](#) for more information
1. There are four ports for the dolphin cables
 2. Plug cables in with green tabs facing down and numbers facing up
 3. 0 will plug into the right most port and 1 will plug into the port to the left of 0, leaving the left 2 ports open
 - a. If your adapter on the computer only has 2 ports, plug them into 0 and 1.

Computer

Password: gigapixel



Display port and NEMA cable



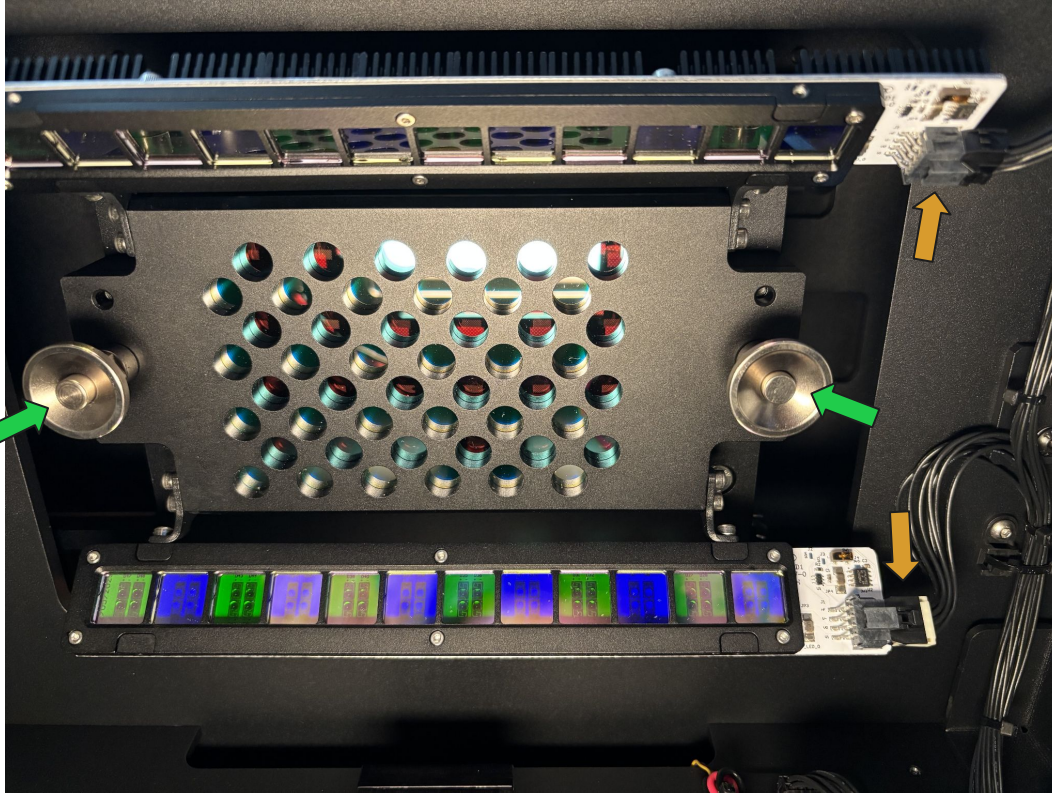
Some computers may have a switch next to the power chord. If one is present, when the line is pushed down, it means the power is "active".

In the Accessories Pelican Case



- Fluorescence unit
 - Please pack this back in this case with padding to keep the unit from being shaken in the case
- Watson 96 well plates

Plugging in Fluorescence unit GFP/RFP: 520/40 + 630/60



Press button and insert prongs into the holes. The fluorescence unit will click into place.

To release press buttons and pull out.

Click in the unit to the power source.

Similar to an ethernet cable for removal, press down on the small tab and pull out.

Start up Order of Operations

1. Once you have everything plugged in, **First Turn On the Kestrel**
 - a. You will hear and can feel the fans turn on
2. After about 30 seconds, turn on the computer

Packing up Kestrel



- 1) Power down BOTH the Kestrel and the computer
- 2) Follow the instructions backwards!

Questions? Reach us at
help@ramonaoptics.com