



Cinematic Field Gimbal Operation

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The FPTV Cinematic Gimbal is for producers who want to achieve smooth shots from all different types of angles and positions. The system in use is the E-Image Horizon Pro Gimbal. It has a carrying payload of up to 7 pounds and requires very minimal training on to be proficient at. Let's get started!



Gimbal Setup

The Horizon Pro is very simple to set up. First, remove the gimbal from the case and make sure that the batteries are properly inserted into the handle. If they are not, press the gray tab at the bottom of the handle. The base of the handle should flip down and allow for all four batteries to be inserted into the handle. Make note of the correct directions that the batteries must be oriented in.

Next, the camera must be placed on the gimbal and balanced properly. Attach the included plate to the camera you are using. **If you are using the Sony Cinematic rig you will need to take the rail base plate off to attach the included gimbal plate.** Slide the camera into the plate receiver on the gimbal. The camera will likely flop into an awkward position. This is because it



needs to be balanced on the arms of the gimbal before we can power the unit on. You will know



that the camera is properly balanced when you are able to let go of the camera and it stays in a proper facing forward and level orientation. To balance the camera you will want to observe which ways that the camera is tilting and adjust the length of the arms to counteract the uneven balance. Each arm has a tightening screw that can be loosened to adjust each arm and then tightened once the correct position is found. For instance, if the camera is rolling to the right you will want to adjust the rear arm to the left until the camera no longer tilts the wrong way. You can also adjust the forward and back balance of the camera by sliding the camera plate.

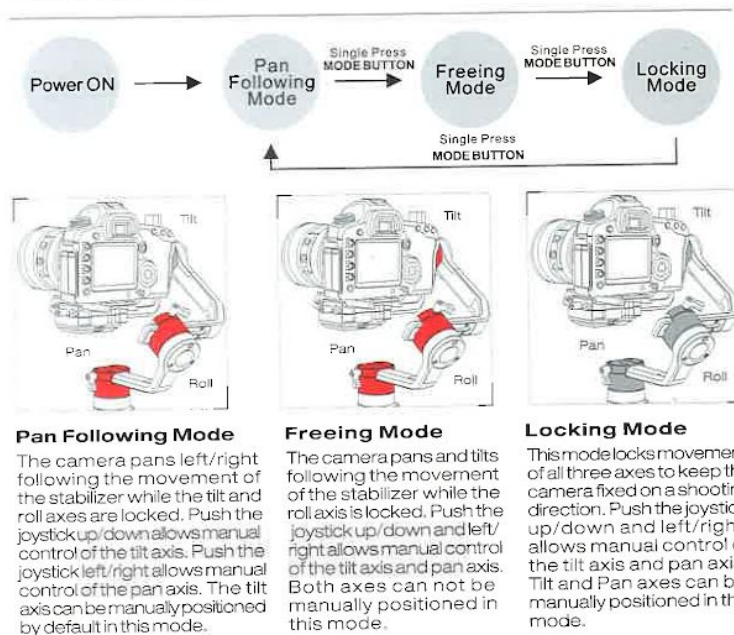
Loosen the side knob and you will now be able to move the camera forward or backward.

Powering On

Once the camera is balanced properly and is resting at a straight forward position you can now power the gimbal on. Press and hold the lowest button the handle. The gimbal should turn on in a matter of seconds. You will feel the motors within the gimbal activated as they begin to support the camera. The gimbal should now stabilize and follow your movements. You can also control directions with the joystick on the back of the handle.



Mode Switch



Differing Follow Modes

- 1) Pressing the “Mode” button once will put the gimbal into “Pan Following Mode”. The gimbal will follow the user’s motions but will not tilt up and down.
- 2) Pressing the mode button a second time will put the gimbal into “Freeing Mode”. The gimbal will follow the user’s movements with both pans and tilts.
- 3) Pressing the mode button a third time will put the gimbal into “Locking Mode”.

Additionally, the mode that you are in will be shown by the blue light on the back of the gimbal. Left is mode one, middle is mode 2 and right is mode 3.

You will be able to see which mode the gimbal is in by which light is illuminated on the back of the handle.

Battery

The batteries that are included with the gimbal are approved by Ikan to work well with the system. **They are not AA batteries. Do not attempt to use AA or any other consumer brand batteries with the Horizon Pro.** You can single press the power button to view the battery level of the unit.

- 1) One indicator light means 30% - 60% power.
- 2) Two indicator lights mean 60% - 90% power.



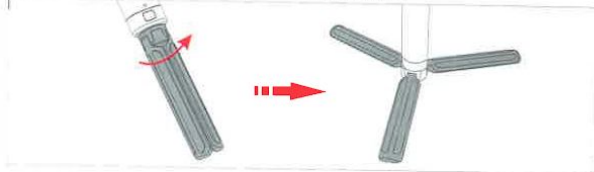
3) Three indicator lights mean 90% - 100% power.

When one indicator light flashes quickly then the batteries are below 30% and require charge.

The charger that is included will fit four batteries. The cable is also included, but the producer is required to use their own wall adapter.

Attaching The Tripod

Get the tripod ready and tighten it to the 1/4"-3/8" threaded hole at the bottom of the stabilizer, then unfold the tripod on a flat surface.



Tripod Legs

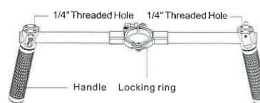
Another great feature of the Horizon Pro 3 is that it comes with detachable tripod legs that can be attached on the bottom of the unit. To install simply remove the tripod legs from the case and begin screwing them into the receiver on the bottom of the handle.

Side Handles

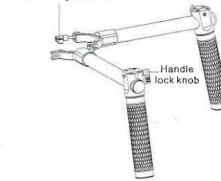
Lastly, the Horizon Pro allows for the use of two handles to be attached to the body of the unit for easier handling and less arm strain. To attach the handles simply place them around the top portion of the gimbal, swing around and tighten down the included bolt. **Make sure that the bolt is appropriately locked and tightened before using the gimbal. If the bolt is not tightened all the way then the producer runs the risk of potentially damaging the gimbal and attached camera.**

Appearance

Please be familiar with the product before use.

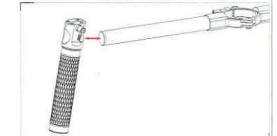


Assembly lock knob



Installation

1. Take the crescent clamp and handle out of the box and install them together as shown in the figure.



2. Install the multi-function two-handed handle on the camera stabilizer as shown in the picture, and lock the assembly lock knob.

