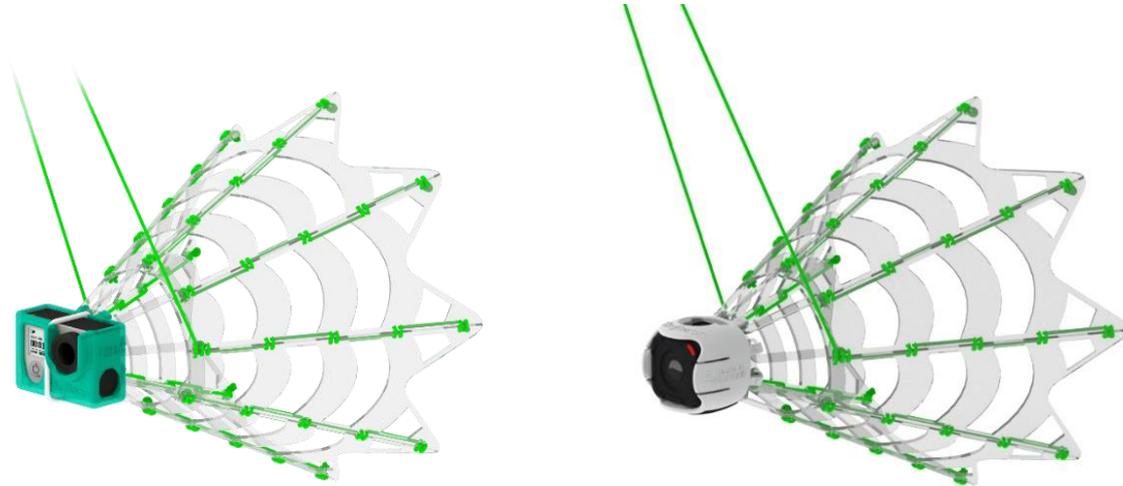


SkyBean ChaseCam

user guide (rev. 1803)



SkyBean ChaseCam is unique product dedicated to record awesome videos and photos from position behind the paragliding pilot. Its shape is tuned to achieve as stable picture as possible without electronic stabilization.

Security of action camera

We designed ChaseCam for maximum security of your action camera. GoPro Hero 3/4/5/6 must be secured by silicone ring (included in package), while GoPro Hero Session 4/5 model doesn't use it. Ring must be applied before placing stabilization wings into their position.

ChaseCam head – IMPORTANT STATEMENTS

However ChaseCam heads are produced with the newest available technology of 3D printing, there are still some limitations. High temperatures above 40 °C (100 °F) causes loss of rigidity, but this is not harmful. Freezing temperatures significantly increases heads fragility, so there is risk of broken head while landing on frozen surface. Due to this fact, winter flying is at your own risk. Avoid to exposure 3D printed part to long-term pressure, even low, it will deform it, e.g. never leave the silicone ring wrapped around the empty head. If head will even though deform, don't panic, it can be put back into correct shape by heating for 1min by standard hairdryer and formed by your hands.

Bungee rope

The pilot must check the integrity of the bungee rope before each flight and in case of any cracks, splits and scratches not to use. Bungee rope core is made from rubber and is sensitive to UV rays coming from sun, therefore in case of frequent use (50 h/year), it is recommended to change the bungee rope annually. SkyBean team is not responsible for loss of ChaseCam and camera while using worn out bungee rope. While storage, it is not recommended to wrap bungee rope around ChaseCam, because the static force inside flexible rope can easily deform wings and head. This kind of storage can be applied only when you completely understand physics and using real ZERO force when wrapping. Therefore we recommend storage of rope just inside ChaseCam's body. We are not responsible if you broke ChaseCam by ignoring this advice.

Assembly

After you open the package, you will need to assembly your chasecam. If you have Hero 3/4/5/6 version, place white silicone ring around chasecam head, into groove on heads back (this ring is used to secure camera in its position inside the head). Put 8 wings inside apertures in direction marked by little arrows on chasecam head. In the next step you will need to bind the wings, as shown on the following pictures. We strongly recommend to watch our tutorial videos on our YouTube channel: www.youtube.com/c/SkyBeanVarios

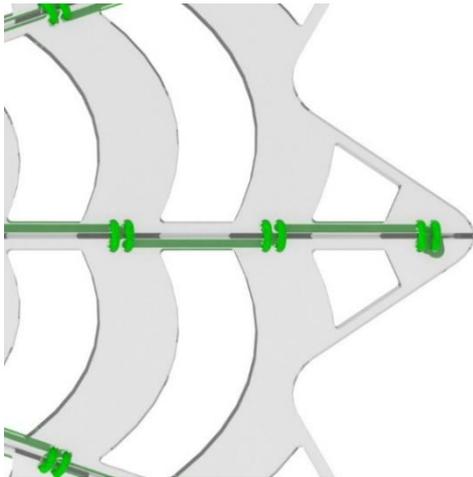
wings positioned in apertures



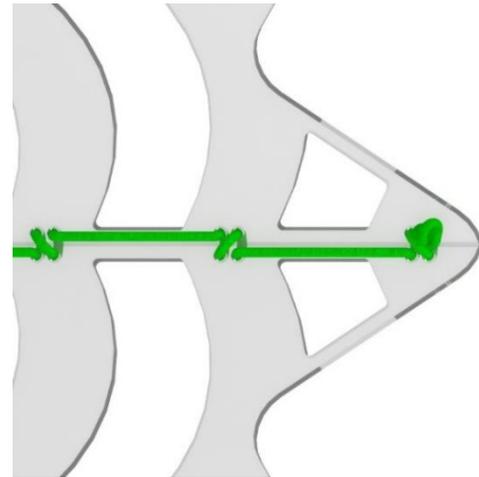
main line connection



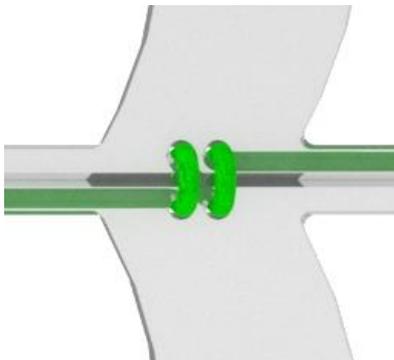
outside binding



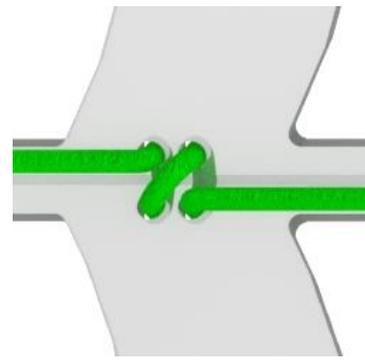
inside binding



outside binding detail

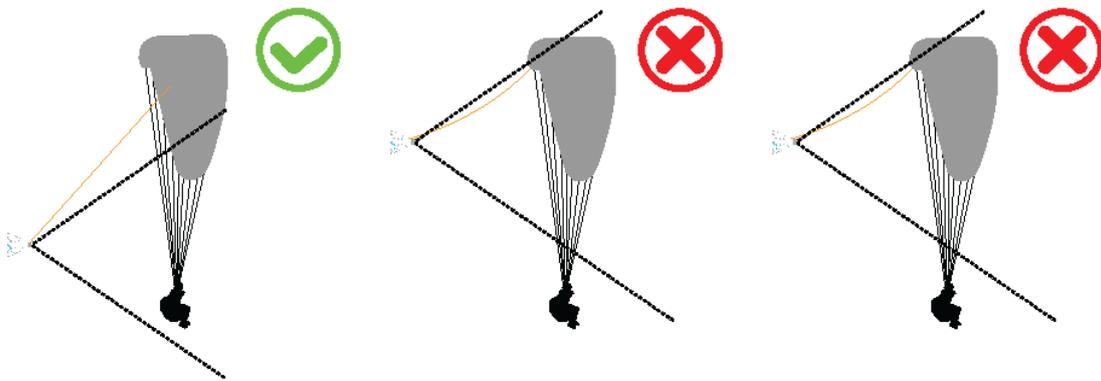


inside binding detail



Mount and adjustment

We recommend to hang chasecam on middle eye of the last lines row (C line for 3 lines glider). **Bungee rope length should be adjusted to achieve best possible records.** We equipped SkyBean ChaseCam by 5.8m long bungee rope, which should be suitable for most glider types. There is a loop, which is used for rubber line length adjustment. We recommend to make several short flights during length tuning. We recommend to start with shorter line (e.g. 4.5 m) and if picture on video is stable, prolong the line in 50 cm steps. When video will start to shake (caused turbulence behind pilot), make rope shorter to previous last stable position. The point is to tune the length of bungee rope to fit pilot at bottom and glider at top of the picture. You should avoid to let the ChaseCam fly in turbulence behind the pilot. Put line used for hang and bungee rope parallel - 1m shorter bungee rope than line is a good position to start tuning.



Launch

There are several options how to take off with chasecam. If you have Hero3/4/5/6 version, always use the rubber ring to secure camera in its position inside the head.

assisted take-off - If there is somebody helpful available, this is the best option to get awesome shot during takeoff. The assistant should stay behind prepared wing. Some distance is required to ensure security and also to fit you and the glider into scene. Wide angle setting on your camera will help. Assistant should hold chasecam lightly and after you rise the glider and move forward, chasecam will automatically fly away from assistant's hand.

rocket launch – in perfect take-off conditions with light wind and suitable take-off surface (without sharp stones) you can use the “rocket launch”. Place the ChaseCam facing by camera's lens to the sky, between pilot and trailing edge of the glider, about one meter from glider. It is recommended to place the rubber line in snaked or coiled shape between ChaseCam and trailing edge. You will get a very nice shot of rising glider above the camera and right after it will record the whole launch.

harness launch - If you are not sure about smooth launch or if you are time stressed on take-off place by many pilots waiting for launch, use the harness launch. Prepare your glider and ChaseCam on the side of take-off place and snap it by velcro mount on arm strap of your harness. Anyway this is always a good practice. Never occupy take-off by preparing your glider and counting each line! Make smile to camera and let fly out ChaseCam after launch, when you are a bit away from take-off place and safely sitting in the harness. This type of launch won't make a video during takeoff, but always remember - safety first.

Landing

If there is wind on the landing area and therefore is possible to hold glider above after landing, you can catch the chasecam into hand, which is very impressive in video. If you will land standardly, let the ChaseCam land without any assistance. Please note, however ChaseCam is made from durable material, there is always risk of damage when landing on rough place.

Security note

We spent hundreds of hours by heavy development to reach the most stable ChaseCam behavior in the air. We tested it for several years during normal paragliding flight conditions without any dangerous situation; however, any official security tests are missing. Therefore we have to advertise, that we cannot guarantee your inviolable security and every pilot uses SkyBean ChaseCam at her/his own risk. Any member of SkyBean team is not responsible for non-standard situations or injuries. Responsibility for any damages or injuries to third parts is completely covered by pilot of paragliding glider while using SkyBean ChaseCam. Please, let us know your experiences and we are looking forward to your feedback after flights!

important information

If you have any doubts how to assembly or use SkyBean ChaseCam, please visit our YouTube channel at www.youtube.com/c/SkyBeanVarios
If there is still something wrong with the device or if you need more detailed explanation, please write us by email or contact us on Facebook

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