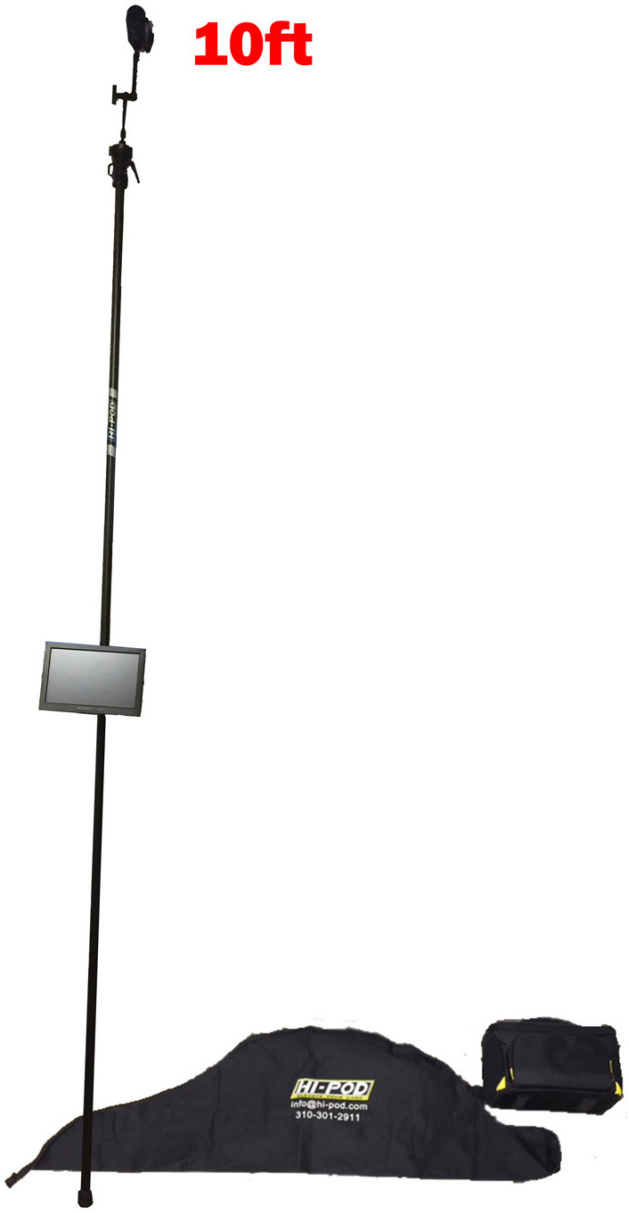
HI-POD GO
ELEVATE YOUR GAME

SETUP MANUAL



Manual Index:

Congratulations on Your New Hi-Pod *GO*!

Now you can begin to elevate your game.

~

GO - The HI-POD ***GO*** is a quick, to the point aerial camera system that allows for maximum flexibility and mobility on the field. Turn, point, shoot, walk, ***GO*** as you like.

These units arrive mostly assembled, meaning that it takes even less time to get started than ever before. Even so, understanding the product thoroughly is important for its longevity, so please take some time to review the materials inside this manual. It will save you much more time down the road.

*Note: Within 2 weeks of delivery, product must be checked and confirmed by the client to have arrived in good order and in its entirety. After that time, clients will be responsible for any and all lost parts (which are not covered under the warranty).

HI-POD GO CHECKLIST

- ☐ Foldable Head Attachment
- ☐ Quick Release Spud
- ☐ Monitor Bracket
- ☐ 3 Piece Raingear
- ☐ LCD
- ☐ LCD Visor
- ☐ LCD Battery / 5-9 Volt Adapter Cable
- ☐ HDMI Cable
- ☐ Lanc Cable
- ☐ Gold Screw for Camera Power Bank
- ☐ Camera Remote
- ☐ Camera
- ☐ Camera Power Bank
- ☐ 16GB SD Card
- ☐ Strain Relief Plate
- ☐ Hi-Pod Quick Notes Insert

3 IMPORTANT THINGS:

• **ALWAYS use the Strain Relief Plate for your cables.**

• **Manage your system with care during setup, as this unit does not have legs to support it.** ***You can use the pole and camera bags to create a staging area.***

• **Take note of the 'Text on Screen' instructions to display record status**

...and other camera settings - (page 26)

Pole Bag and Camera Bag

The Hi-Pod GO includes two separate protective bags: the Pole Bag, and Camera Bag. The tower ships in two separate boxes: pole bag with pole in the first box, and the camera bag (with all other electronics and raingear) in the second box.

When traveling, you can put the smaller camera bag into the larger 'hump' of the pole bag, and zip to close. This makes it really easy to carry everything together.

There is also a shoulder strap on the back of the larger pole bag (which fits everything inside), allowing you to free up your hands or just more easily carry the product from place to place.

Getting Started: Take The Main Structure Out of Bag

The Hi-Pod ***GO*** comes mostly pre-assembled. You will see cables attached to the unit when you open the bag (but it cleans up fast and makes life much easier).

This allows for you to quickly attach the main electronics of the camera and lcd with minimal effort. The amount to which you want to assemble and dis-assemble is up to the user, but technically there would be no reason to remove the cables from the unit at any time.

You will find velcro strips at various points up and down the tower to grip and bind the cables during use (for better organization), and also for safer packing when you're done filming.

Near the top of the unit, you will find the head assembly folded down (basically in half), secured by a large black knob. Open the knob to allow for the head to fully extend. Guide the cables as needed during the extension so nothing gets caught.

Once the head assembly is extended your cables will immediately start to clean up. Turn the black knob once in the position your prefer. You can angle this arm at pretty much any angle of attack you wish.

NOTE: See the very top plate (quick release), and also the plate directly under it (strain relief plate). Those will be described in the next steps.

Camera Connection with Quick Release Plate

The camera now ships with the male end of the quick release plate pre-attached. To connect to the head assembly, pull back the double-lever on the quick release plate (shown in second image below) to allow the camera to lock in. It will snap into place. If the lever (with both arms) is not fully pulled back it will not allow the camera to connect. Reverse the process by pulling back to open the lever when packing up.

Camera Connection: Cables

There are two cables which plug into the camera: a micro HDMI cable for your video signal, and a lanc cable for your remote control signal.

Remote (Lanc):

The **'multi'** port for your lanc cable (remote control cable) is under a small door on the right side of the camera, directly under the hand strap.

HDMI:

There is an HDMI micro port on the left side of the camera. You will need to open the door of the camera and leave it open while you are filming. This not only keeps the camera on, but allows you to physically plug in the cable to the unit.

Strain Relief Plate

**This is one of the most important considerations for any camera.* Failure to use this plate can void your electronics warranty. See information regarding the cable Strain Relief Plate below:

IMPORTANT FOR WARRANTY

The Hi-Pod GO comes with the Strain Relief Plate pre-attached (with cables pre-threaded) under the camera Quick Release Plate. This makes it really easy to start filming without having to manage every aspect of the cables.

While there should never be a reason to take this part off the unit, if you ever need to see how it works below.

The Strain Relief Plate locks the video and lanc cables firmly under the camera. When the unit is fully elevated, it prevents gravity from pulling down on the delicate cable tips/camera ports, which can cause the tips to break or ports to widen. If damage occurs, your control/video signal will drop - so **USE THIS ITEM EVERY TIME.** ***Damage to the system can occur as quickly as a single use if not applied.***

The good news is on the Hi-Pod GO this is automatically in place. Just make sure it's always used during every filming session.

You use this plate by threading your video and lanc cables through it (in opposite directions to come out on the appropriate sides of the camera).

Once the cables are threaded through the strain relief plate, match it up so the brass screw can secure into the bottom of the quick release plate. Use a coin or screwdriver to lock the two plates together.

Once the two plates are connected, attach the bottom of the strain relief plate to the top of the adjustable head assembly (*the part with the big black knob from page 9*) to finish the process.

**Again, in normal circumstances this will be pre-set. This information is provided should you ever need to take the items apart.*

LCD Bracket

*Note: We ship this item in the camera bag on delivery, but once attached during the first assembly by the user, you can technically leave it connected permanently.

The following is how you connect the LCD bracket. Place this bracket at any point you wish on the bottom tube (below the first collar).

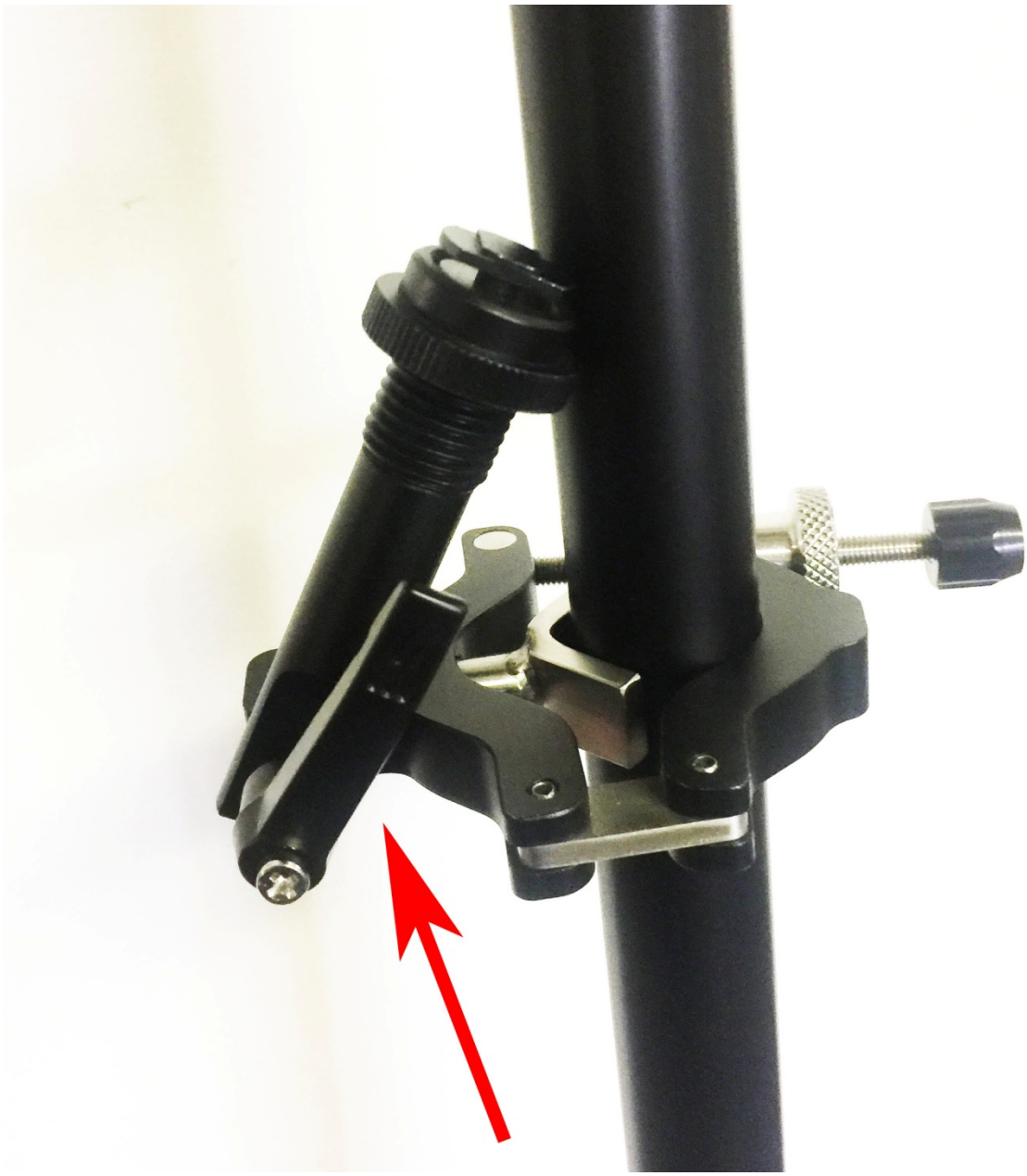
The bracket has black clamp with a hole drilled out to accept the silver 'Y-Spacer' (see right).

The Y-Spacer must be inserted into this hole before clamping the assembly to the main pole, as it sizes the item to firmly grip the tubes.

See a mounted LCD Bracket below. Use silver screw/nut to secure.

If you leave the bracket on when putting the unit away, loosen the ratchet and turn both it and the mounting tip back in towards the pole. This keeps everything more secure when transporting the tower.

Also, when in use you can change the angle at which the LCD sits by opening the ratchet, adjusting, and locking again. **DO NOT** push the LCD to adjust the angle without opening the ratchet first, as it will harm the LCD casing by breaking the track on the back where it connects.



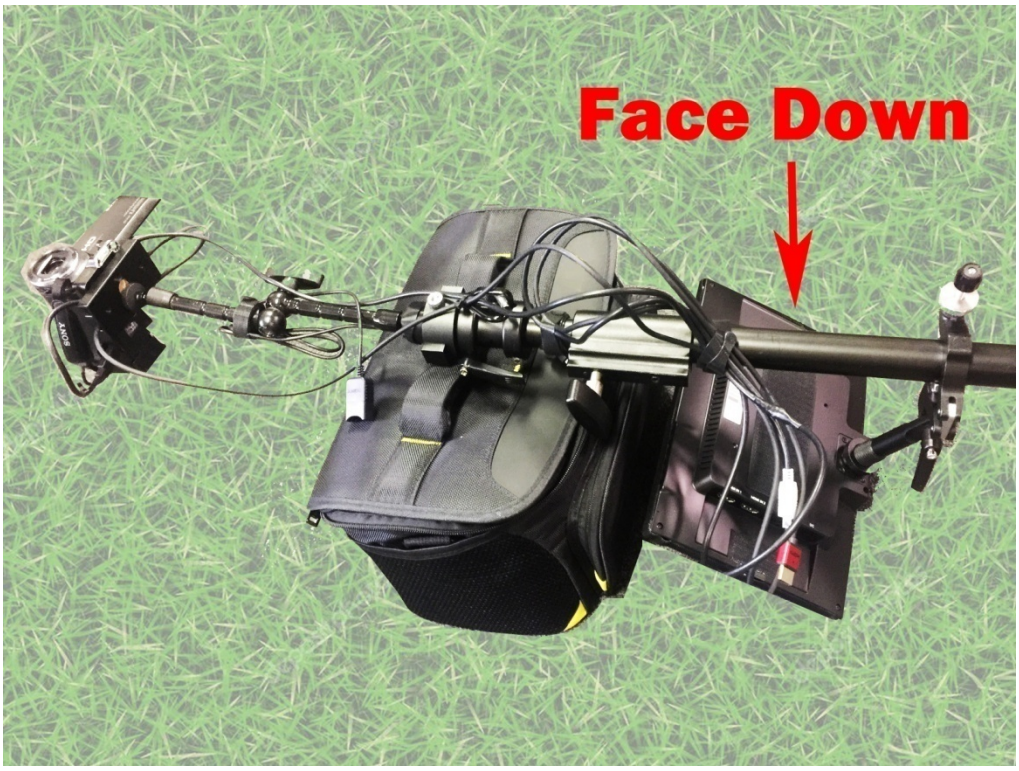
Connecting The LCD

The Hi-Pod GO is a pole without legs. This means that at this stage in the setup when attaching some of the components you will need to lay the unit down on the ground. The LCD is typically the main item that requires this.

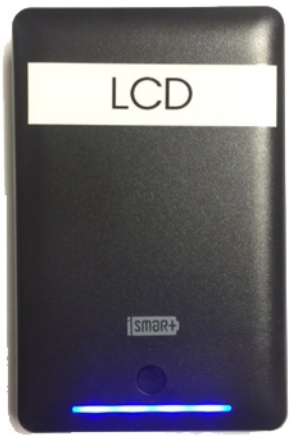
To attach the LCD, find the slot on the back of the screen and slide it into the mounting tip on the LCD bracket. Twist the screw on the mounting tip to hold the screen into position.

See the two images on this page. We would advise that you attach your LCD, and use the included camera bag to lay the tower with the LCD facing down towards the ground. There is enough room for the LCD to turn this direction without touching the ground. Always be careful not to put electronics onto a surface that is wet or damp.

The image to the right is the suggested positioning for continued setup once the LCD has been attached. This way nothing will swing around unexpectedly.



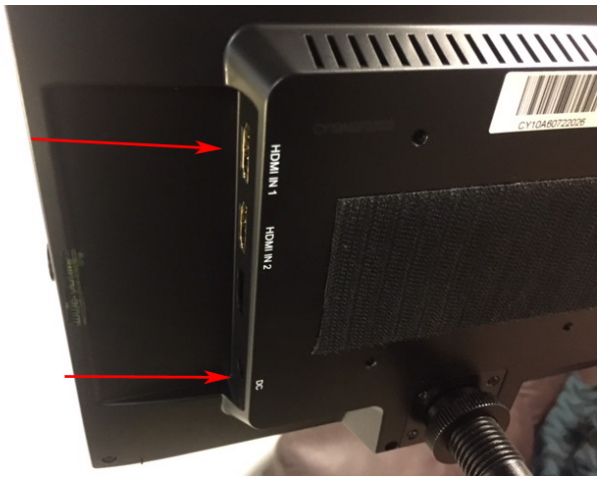
During these steps we advise using the carry bag that the main pole itself is packaged with to use as a staging area for the rest of your gear. This will keep it off the ground to prevent dirt, grass, etc..from getting into your electronics.

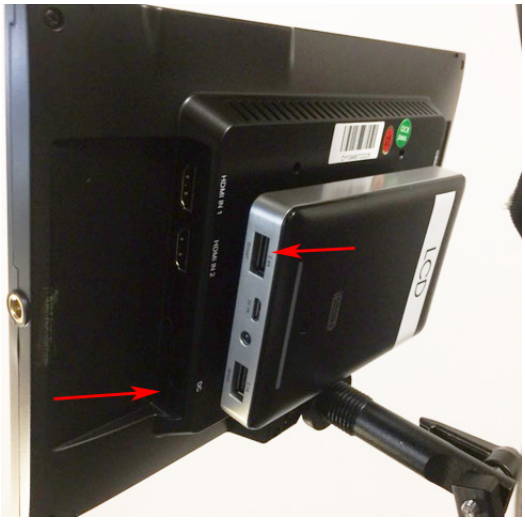


LCD Power

Once the LCD is connected to the unit, it is time to connect it to the power source.

On the back of the screen take note of the velcro strap, and two ports: ***'HDMI IN 1'*** for video and ***'DC'*** for power. Attach the LCD battery as shown.



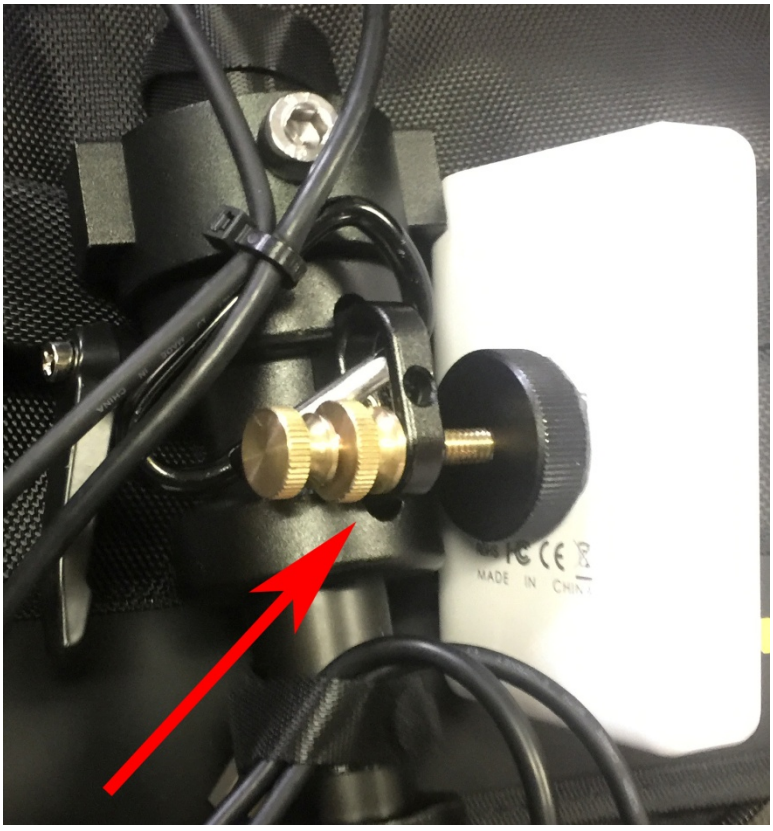


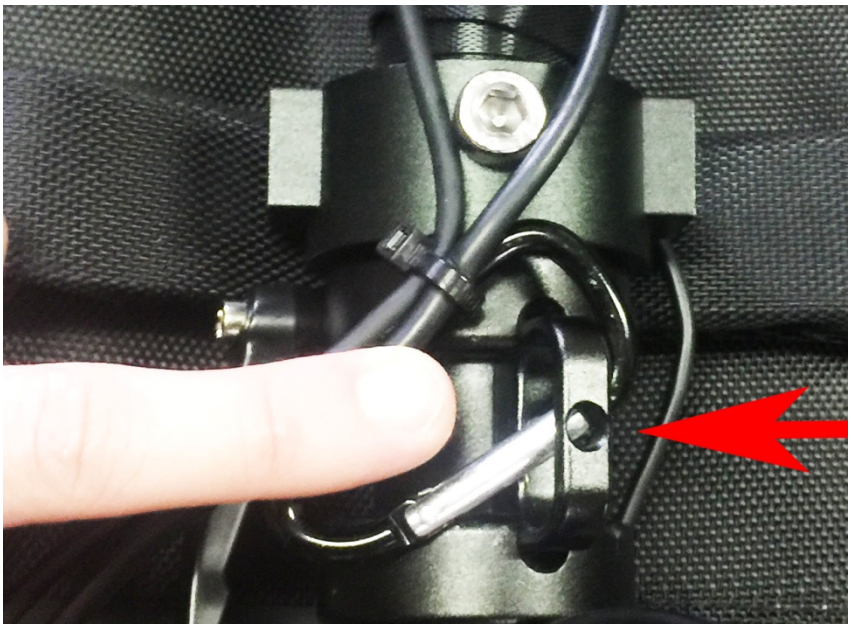
<- - Use the adapter on the left to plug into the USB end of the battery, and then connect the DC tip into the LCD **DC** port.

Connecting Camera to Battery

We have shipped two styles of camera battery: a white and black version. Each function essentially the same way.

The LCD battery looks like a square (exact model will change over time) and connects to the unit via the hook near the top of the Hi-Pod. There is a brass screw that serves as the connecting device. Put the brass screw on one side, slide through the hook, and connect to the battery via the black metal connection piece attached to the battery. Use the secondary screw to tighten.





At first you'll see the hook with a carabineer already inserted. You will leave it and the brass screw both through the hook (carabineer helps as cable strain relief). It's a semi-snug fit, but everything will attach as shown. The battery will need to be attached, and removed to charge at every use.

Once the battery is physically connected to the unit, you will link it to the camera.

Find the USB cable that is in the hand-strap of the camera as shown in the image to the left.

You will find a female to male USB adapter in your camera gear. This is what connects the camera to battery.

To the left you will see an image of the USB cable you need for this step. The male USB end will plug into the battery. The female USB portion connects to the camera USB cable (shown on above page).

See images of the battery and camera USB connections below.

BATTERY

CAMERA

You will find a USB micro to standard cable, with a wall plug adapter which will allow you to charge the battery (charger cable is similar for both LCD and Camera batteries). Either can plug into the included wall adapter, or many cell phone charger wall plugs. You can also connect the battery directly to a USB port on a computer to charge.

Text (REC) On Screen

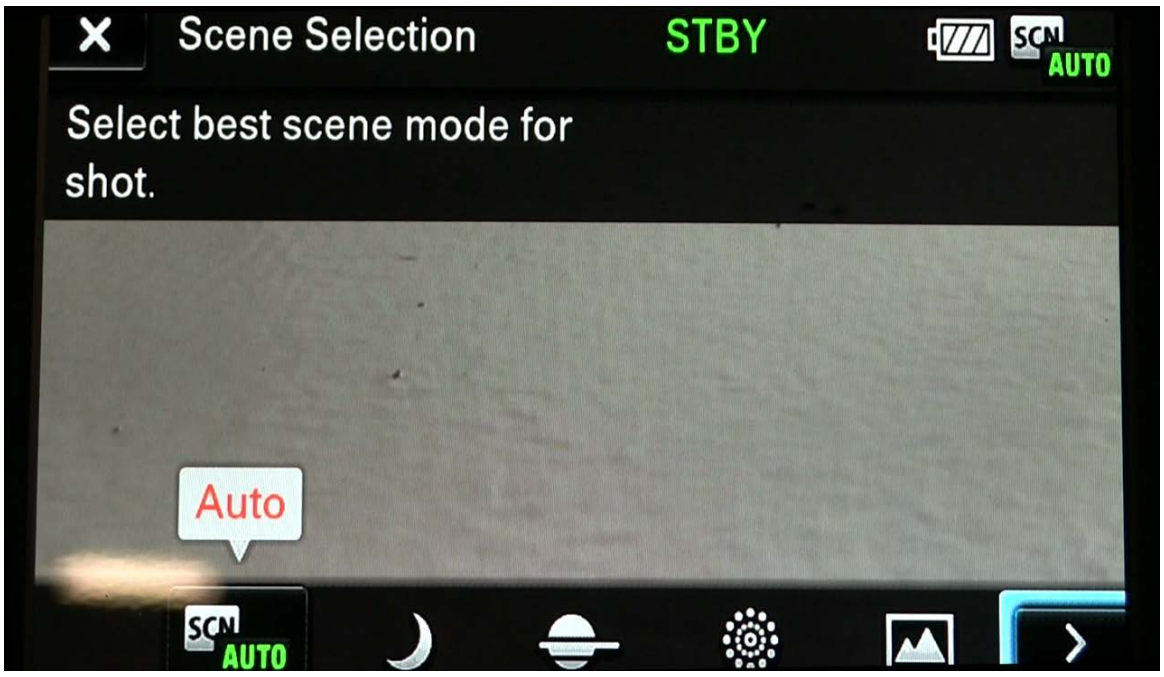
In general, cameras under $1,000 do not have the ability to save a setting to push out text (record/battery status) from the camera down to the LCD. There is a way to achieve this on less expensive cameras, but it's applied every time the camera is turned on. Once memorized it takes about 5 secs.

• First, click on the **'Menu'** button in the top left corner:

• Select **'Camera/Mic'**

- Scroll down until you find **'Scene Selection'** and click on it.

Your screen will change to look like this. Click on the bottom right arrow to continue.



At this point, your screen will clear up leaving the middle unobstructed. **DO NOT CLICK ANYTHING.** Just leave the screen here. The text displayed will push down to your LCD - notice the 'STBY' in green. This will change to a red 'REC' indicator when you're recording. This way you'll always know when you are or aren't recording.

This text overlay will not be on your final video files. It is only seen by the Hi-Pod operator when they are filming.

*Note: If you have a remote which has a **'Photo'** button option - **DO NOT HIT IT**. If you do it will bounce you out of this view back into the menu where you chose **'Scene Selection.'** If you do this while the camera is in the air, you will have to bring it all the way down to setup on the camera again.

Camera Settings Continued: Dual Video REC

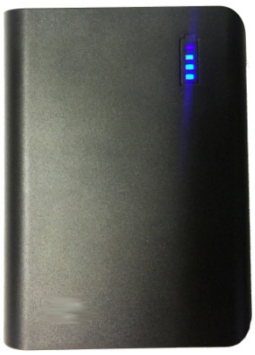
On new cameras for 2017 (*example CX405*), they appear to default ship with a setting called **'Dual Video REC'** enabled in the camera settings. When this feature is active the camera saves two copies of the same clip in different quality settings (one is higher def, one is for online sharing). What this means is that the camera is taking double the storage space that it needs to. Whether you want to leave this setting on is up to the preference of the user, but if you want to turn it off..

- First go to **'Menu'**
- Then **'Image Quality/Size'**

- Then look for **'Dual Video REC'**

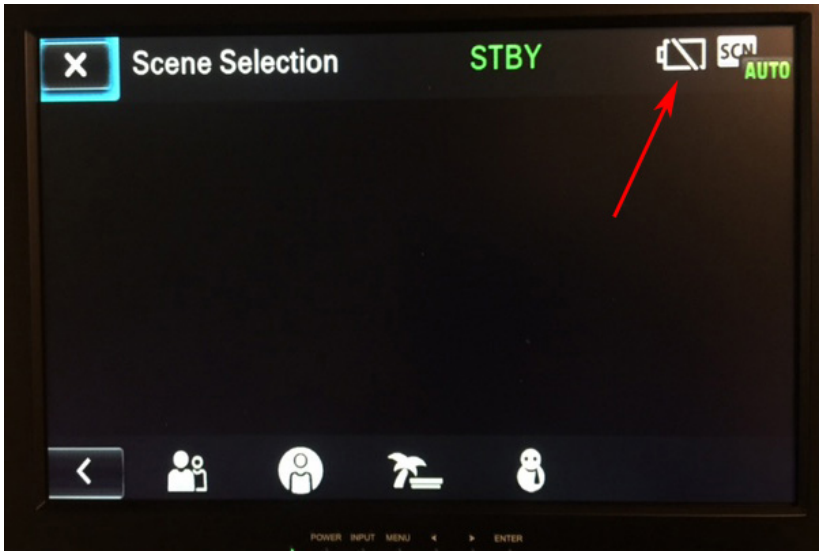
- Turn this feature **'Off'**

Camera Settings Continued: **Confirming Camera Battery**



You need to confirm that the battery is turned on and is set as the main power source before elevating. Without doing this, it's possible to leave the small internal camera battery active which will die quickly.

If you have your camera connected to the LCD (with text on screen applied as explained earlier in this manual) you will see the battery icon in the top left. This means the small internal battery is active.

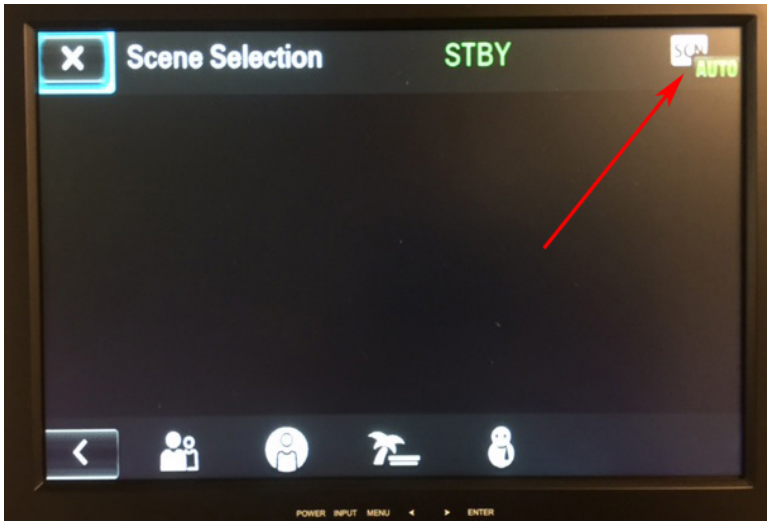


This is not what you want.

Click the button on the side of the battery to turn it on.

You will see the buttons on the battery light up blue.

When connected correctly and turned on, the battery button in the top right of the LCD will disappear. **This is what you want**, and (when charged) will allow the camera to record for at least 5 hrs.



Bottom Cables: LCD and Remote

Now it's time to finish your cable connections at the base of the unit.

Plug the standard sized HDMI cable into the HDMI port on the LCD (some screens have two HDMI port options, others have one - in any case, plug in and confirm the LCD is on the correct channel to receive video signal.

There are two different color ends on the lanc cable for the remote.

- **WHITE END = REMOTE**
- **BLACK END = CAMERA**

Do not reverse this, as if you do the system does not function.

(*If you plug in the wrong way you can turn the camera on/off, but that will be it*).

The black end of the cable will plug into the previously noted **'multi'** port on the camera. See image of where to find this port below:

If not using the LCD visor, you can clip the remote directly to the side of the LCD. If using the visor, you will need to clip the remote to the bottom of the LCD. Either way works. (*Without Visor: Left. With: Right*)

Raingear

The raingear for the Hi-Pod GO comes in a set of three items: Camera, LCD, and an extra piece that can be used to better protect the remote, or other desired items (third piece not always used).

See the steps below to setup the raingear. *Note: Always be aware of the weather conditions at your location **BEFORE** starting to film. There is nothing worse that scrambling to apply the raingear in the middle of a game due to lack of preparation.

LCD Raingear

The LCD raingear is pretty self explanatory. This part covers the screen so the clear plastic is in the front, allowing you to view the screen. The LCD raingear covers both the LCD and the remote together. *(You will need to mount the remote at the bottom of the LCD).*

The extra bag (shown in the page above) can be applied if you ever want to use the remote separated from the LCD, although this is not advised. It's mainly included as an extra piece you can apply (or leave in the bag) at will.

Camera Raingear

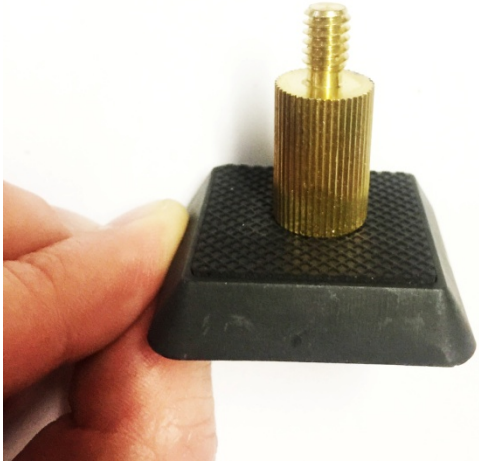
To mount the camera raingear, you will need to edit the quick release plate to add an adapter. *(See next page)*

First, on the bottom of the camera, look under the quick release attachment to find a silver mechanism (shown below) that you can flip up, and then turn counter-clockwise to remove.

Adapter

You will need to find this gold adapter from the camera bag, as it will be used in the next step.

At this stage in the process, your items should look like this.



Now, take the gold adapter piece and attach it to the top of the quick release plate (where it had been connected to the camera) by screwing it onto the top.

Now you will attach the camera raingear. Pull back the plastic covering to reveal the black plate with groves as shown below. Put the gold adapter tip through the middle of the groove so you can sandwich the camera to the raingear and lock in place.

Once the camera is attached it will look like the two images below.
<u>Now you can snap the quick release plate back onto the top of the unit.</u>

(Revealed)

(Covered)

Also....

The camera bag itself has raingear. This can be helpful to protect the bag on the field during rain, or to keep the product off wet grass, or for use during setup, etc.

On delivery you'll find a large plastic bag that kind of looks like a shower cap inside of the camera bag.

Place it over the camera bag to protect.

SETUP COMPLETE

If you have any questions, please call us at 818-982-2601 for support.

M-F, 9am-5pm Pacific

or see...

http://www.hipod.com

Thanks for choosing Hi-Pod!