

HobbyKing Wing Camera HD 720p Setup and Use

by: Ron Lampman

- 1) Charge the battery by hooking it up to your computers USB port. It's fully charged when the RED LED goes out.
- 2) Put in a Micro SD card. You will need at least a class 6 card and I recommend using a class 10 which will no doubt be able to record video and audio at the speed the camera is sending the information to it. The class of card is identified by a "C" with the number stamped inside the C with the exception of class 2 cards that do not generally have this marking.
- 3) Programming your camera:
 - a. To program this camera, you need the supplied 1/8in to RCA jack cable. The yellow is the video out and the white and red are the audio stereo out.
 - b. Plug the video out cable into your TV or something that will accept video feed from the RCA yellow jack. I use the EZcap device and plug my EZcap into my USB port. I then open the AMCap video player to view what is being sent via the EZ cap. A TV will work just as well.
 - c. Press the button nearest the micro SD card slot until the blue light comes on and release the button. Within a few seconds, it should turn pink indicating that it's in the programming mode.
 - d. Now with the A/V cable facing up and the lens of the camera facing down, the top button is UP, the bottom button is DOWN, and the center button is ENTER. You can now go thru and program the length of time you want your camera to record on motion detect (MD), set the date time to your liking, set the recording resolution and other stuff.
- 4) Once you are satisfied with the way you have your camera configured, you can now use it. When you record, even if you have the date time stamp turned off, your camera will title the video with the date and time so it's important to have that set.
- 5) Using your camera. Press and hold the button nearest the micro SD card until the solid blue light comes on. There are 5 modes:
 - a. Blue is video record. Press the center button to start recording and stop recording. When it's recording, the blue LED will flash.
 - b. Red is photo. Press the center button to take a snapshot with the camera.
 - c. Blue and Yellow are Motion Detect (MD) video mode. When the camera senses motion it records for the duration you set when programming the camera.
 - d. Red and Yellow are MD Photo mode. When the camera detects motion it snaps a photo.
 - e. Red and blue (looks Pink) are only on when the camera is in program mode.

- 6) If you want to fly FPV, it's easiest to set your MD video record time for 10 minutes and put your camera in the MD video record mode. This will allow video to stream out of the camera to the Yellow RCA jack. You can plug that into your FPV system.
- 7) If your camera appears out of focus, you can carefully remove the glue on the threads the lens is screwed onto, turn your camera on, set it on MD video record, plug your camera in to a TV or other viewing source and adjust the lens by screwing it in or out to get the best possible resolution. Once you have that, use an adhesive such as loc tite or CA glue to lock it back in place again.

Hope this helps and all the best!