

User instructions

1. Inserting microSD card

Please choose branded microSD card and format it on the computer before use. Non-branded cards are not guaranteed to work properly.

2. Charging

- A. Charging can be done by connecting the camera to a computer, using a power adapter or a car charger.
- B. The Turnigy Eclipse FPV cameras can record video while charging (select Car Mode in Menu)
- C. Charging of the Turnigy Eclipse FPV cameras can be done even when it's powered off.

3. Operating the camera.

To switch the camera on or off, press and hold power switch for 3 seconds and you will hear a beep tone indicating the camera is under standby mode. The camera has 3 main navigation modes, Video stand-by mode (Solid Red LED), Camera stand-by mode (Solid White LED) and Setting mode (Solid Pink LED)

Video mode → Camera mode → Setting mode ↻

4. Video recording mode (Solid Red LED indication light)

Press "OK" button to start recording. The LED indicator light should start "Flashing Red".

5. Photo shooting mode (Solid White LED indication light)

Press "Mode" button once to switch to camera mode. When you press the OK button (Now the OK button becomes a shutter button), then the White LED should flash once and this indicates a picture has been taken successfully.

6. Setting

In order to adjust the camera setting, user may connect the Turnigy Eclipse FPV camera to an external screen or a smartphone.

-To access the camera setting through and external screen (eg. FPV monitor) use a HDMI cable and connect the camera to your TV monitor. Power the camera on and the camera screen should appear on the monitor automatically. Use the mode button to switch between Video/Photo/Setting. Under the setting mode, use the Left and Right Key to adjust the settings of the camera. Use the OK button to approve settings.



To access the camera setting via WiFi, please follow the instructions.

- a. You can download the official Turnigy Eclipse App from Apple Store or Google Play Store instantly by using your smartphone scanner to scan the QR codes printed on the gift-box.
- b. Power the camera on.
- c. Connect Turnigy WiFi dongle to the camera as shown. Once connected, the LED pilot light on the dongle should lit up. Then press the arrow key on the right side to activate the WiFi dongle. The White LED indicator should flash at this moment.
- d. On your mobile device, go to the WiFi settings and connect the Turnigy Eclipse camera. The default password is "12345678". Open the the App on your smartphone and press "Connect your camera". You are now able to adjust your camera setting via the App on your smartphone.

7. File storage and Playback

- a. Use a USB cable or card reader to transfer the files from the camera to the computer.
- b. Switch the camera on and press mode to select Play Mode to reproduce the files.

8. Eclipse FPV automatic rotation function

- The Turnigy Eclipse FPV camera has two view mode to select. The default setting is normal view when 180 degree view is selectable. You can choose the right mode to capture the right view.

9. Control your Turnigy Eclipse FPV camera via your radio control receivers

Too assign a switch to a channel on your transmitter. Please read the instruction manual which comes with your radio transmitter for programming setup.

- a. Plug the supplied USB cable to the FPV camera USB port.
- b. Plug the cables tagged with Camera and Video labels to two different channels on your receiver.
- c. Assign a two position switch to a channel to control the video on/off recording. The video will be started to record when you flip the switch to "ON" position.
- d. Assign a spring-loaded two position switch to a channel to control the shutter on the camera. The shutter will be activated by flipping the spring-loaded switch one full stroke.

Specifications could be subject to modification due to upgrading or updating. Please regard the actual product as the standard form.



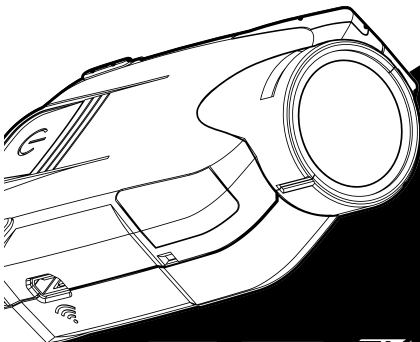
For iOS



For Android



Instruction Manual



The Turnigy Eclipse FPV camera has been designed following the needs and the demanding market trends. Due to its miniature size and super crisp HD digital video recording, it can be used as an FPV camera, dash camera, R/C drone camera and for all kinds of sporting events. We include a custom made connection cable in the kit for you to connect to spare channels on your desired radio control receivers via PWM output, this means you can program it with your radio transmitter and control it with two different two position switches to activate the video recording and take still shots separately.

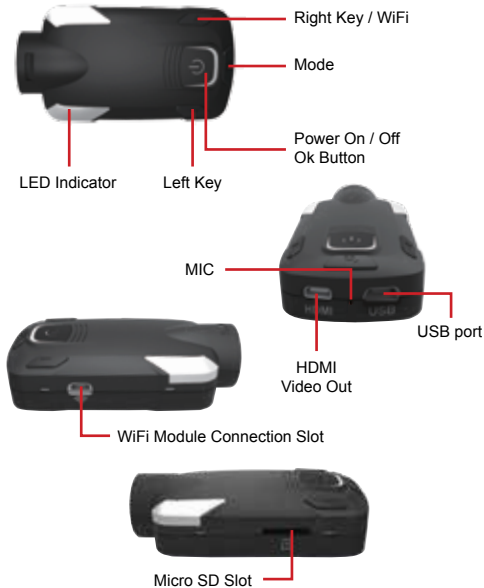
Please read the instruction manual carefully before using the camera for the first time.

Safety Guidelines

1. It is a high-precision product, do not drop it or crash it.
2. Do not expose the camera to strong magnetic objects, such as magnets or electrical motors. Avoid exposing the product to strong radio waves. Strong magnetic fields may cause the products breakdown or images /audio damage.
3. Never leave the products exposed to high temperatures and direct sunlight.
4. Please choose branded microSD card. Non-branded cards are not guaranteed to work properly.
5. Do not place microSD card near strong magnetic objects to avoid data loss.
6. In case of overheating, smoke, or unpleasant smell in the process of charging, unplug your device immediately to prevent fire hazard.
7. While charging, keep the product out of children's reach. Power cable may cause children accidental suffocation or electric shock.
8. Keep the device in cool, dry and dust-free places. Please do not throw the product or its battery to the garbage, find a specific recycling point for it.

EclipseTURNIGY FPV CAM Specification	
Image Sensor	12 Mega Pixel CMOS Sensor
Image Resolution	12M/10M/8M/5M/3M/2M/1.3M
Video Resolution	2K (2560x1440) / 30FPS
	1080P (1920x1080) / 60/30FPS
	720P (1280x720) / 120FPS
View Angle	145° A+ HD Wide Angle Lens
Gyro Stabilization	Support
Color	Black
Video Format	MOV
Image Format	JPG
Wireless Frequency	5.8 GHz
WiFi	Support
Control Camera and Video via R/C PWM Signal	Support
Turnigy Eclipse 5.8G VTX	Support
G-Sensor	Support
180° Rotation	Support
Image Auto Rotation	Support
HDMI Output	Support
TV Out	Support
USB 2.0	Support
Memory	Slot for Micro SD card up to 128G
Battery	900mAh
Dimensions	67.3x35.5x18.2mm
Weight	42g
Operating System	Window XP (service pack 2) or later
	Mac OS X 10.4.11 or later

Picture of product



Accessories

