

FLY THE BEST

INSTRUCTION MANUAL

SWIFT STREAM

Z360V CAMERA DRONE

INDOOR / OUTDOOR

Manual Contents

- Packing list
- Battery installation
- Charging instructions
- Camera installation
- Camera instructions
- Flying quick start guide
- Headless function
- Flying instructions
- 360 Flips
- Calibration trim control
- Lift off correction
- Trouble shooting
- Parts list (by name and number)
- FAA registration is not required

Parts - Service - Repairs

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TOLL FREE: 866-296-2700 • TEL: 248-809-2129

Email: Service@SwiftStreamRC.com

Website: www.SwiftStreamRC.com

Federal Aviation Administration

This Drone is Under the FAA Required Weight and Does Not Require Registration

PACKING LIST

■ Z-360V Drone

■ 2.4GHz Remote Controller

■ Parts Included

- Screwdriver
- Spare Blades
- Landing gears
- Card Reader with 2 GB memory Card

BATTERY INSTALLATION

1

2

3

(FRESH ALKALINE BATTERIES STRONGLY RECOMMENDED)

CHARGING INSTRUCTIONS

1

2

3

4

5

4. Plug USB charge-wire into battery plug and power supply

5. Replace battery pack into drone and close the battery cover door

A. USB charge-wire red light will stay on until charging is completed.

When the battery is fully charged, the USB charge-wire red light will turn off. A full charge can take up to 2 hours.

B. Put USB charge-wire away for safe keeping.

Safety Precautions when charging Li-ion battery

- Gently insert the USB charge-wire plug into the battery plug and never use force
- Do not over-charge the battery – doing so may shorten battery life (charge time up to 2-hours)
- Do not use or leave the battery near any heat source-this may damage the battery with risk of the battery exploding
- Do not strike, slam, attempt to puncture or otherwise attempt to damage the battery
- Do not submerge the battery in water or any other liquid
- Store battery in a cool dry place
- Do not attempt to Disassemble the battery
- Use only the included USB charge-wire for charging the battery
- Do not use the included USB charge-wire to charge any other battery
- Do not leave a charging battery unattended

STOP

CHARGE BATTERY ON A FLAT - NON FLAMMABLE SURFACE NEVER CHARGE ON CARPET, RUGS OR SOFT MATERIAL.

INSTALL LANDING GEAR

Install the landing gear to the bottom of drone and tighten screws

INSTALL FRONT AND REAR BLADE GUARDS

Insert pins and tighten screws

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FREQUENCY MATCH / FACTORY RESET

Turn on drone. Turn on RC and it will beep 3 times. Push left throttle stick upward, then downward. RC will beep once indicating the drone and RC are now frequency matched. To reset back to factory setting, after frequency matched, simultaneously push both left and right stick as shown in diagram B

Diagram A

Diagram B

CAMERA INSTALLATION AND INSTRUCTIONS

\*\* Camera must be installed with memory card inserted prior frequency match in order to activate the camera for photos and videos

1. Slide the camera in place as shown in Diagram 1

2. Plug camera wire into the bottom of the Drone. The port for the camera plug is located next to the ON / OFF switch shown in Diagram 2

CAMERA INSTRUCTIONS AND INSTRUCTIONS

Insert memory card into the card slot of camera (Diagram A)

Gently push memory card until it locks into place. Push again to release.

■ Camera Adjustment ... Camera / Video Undercarriage Camera Light

A

B

■ Taking Photos

Press RC Photo button upward once Undercarriage camera light will blink once for each photo taken

■ Taking Video

Press RC Video button downward once to record, push again to end recording. Undercarriage camera light will stay on - until you stop taking a video

■ Downloading Pictures or Videos

C

D

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FLYING QUICK START GUIDE

GETTING STARTED

Once your Drone battery is fully charged and you're ready to start flying

Insert the Drone battery into the Drone battery compartment

- Plug in Drone battery (battery wire white-tip inserts into Drone power wire white-tip)
- Close the battery compartment door

1

2

3

Turn on the Drone power switch (1)

- Lights on drone will quickly blink
- Place Drone on a flat surface in a horizontal position (2)
- Stand back 6-8 feet (3)

1

2

3

Safety Comes First

SAFE DISTANCE

6'-8'

START FLYING

■ Turn on / Off Blades

Simultaneously push both left and right throttle sticks as shown in diagram. Blades will start moving. Push again to stop the blades.

■ Ascending / Descending

Gently push left throttle stick upward to ascend, downward to descend.

■ Land the Drone

Gradually lower the left throttle stick, until the Drone safely lands. Always try to land on grass or a soft surface to avoid damage to the Drone

■ Power OFF

Once you finished your flight, turn off the Drone and RC power switch

SPEED SETTINGS

Push RC top left shoulder button for speed settings

High or low speed

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FCC Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device is measured RF output power is less than the SAR exclusion threshold value for human head and body. Therefore, SAR test is not necessary.

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HEADLESS FUNCTION SETTINGS TO GO INTO HEADLESS MODE

4-Sided Front / Nose ... All sides become the Front / Nose

Easy to Fly ... Ideal for Beginners

1. Settings to go into Headless mode

Turn ON Drone and remote controller After frequency matching. Press the RC right shoulder button down for 2-3 seconds. You will hear a beeping sound from the remote controller, indicating that you are now in Headless function mode. Lights on drone will blink twice every seconds To deactivate push button again for 2-3 seconds

2. In Headless mode

Once in Headless mode, all sides become the front / nose, making it easy to fly. Push the directional throttle forward, and the Drone moves away from you, no matter where the "nose" is pointing. Any side facing north becomes the front / nose of drone.

3. Crash or straying

If the Drone begins to drift while in Headless mode, reset by doing the following: Simultaneously push both left and right throttles sticks as shown above. LED lights on Drone will blink quickly until reset has completed (this may take up to 3 seconds) The blinking will change from fast to slow, indicating the reset is completed.

■ Auto Return In Headless Mode

HOLD DOWN FOR 2-3 SECONDS

Press top right shoulder button on RC and hold it down for 2-3 seconds. - Drone will fly back towards you - To deactivate, push button again for 2-3 seconds, or push right throttle stick upward

FLYING INSTRUCTIONS

■ Ascending

Gently push left throttle stick up. Drone will fly upward

■ Descending

Gently push the left throttle stick down. Drone will fly downward

■ Forward

Gently push the right throttle up. The front of the Drone will tilt down as Drone flies forward

■ Backward

Gently push the right throttle down. The back of the Drone will tilt down as Drone flies backward

■ Turning

Gently push the left throttle right for right turns and left for left turns.

■ Strafe Left / Right

Gently push the right throttle left for Strafe left or right for Strafe right.

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360° FLIPS

Push RC top right shoulder button once, and throttle stick (see instructions below) for 360° flips.

■ Forward 360° Flips

Push 360° Flip button once, then push the right throttle stick upward. Drone will flip forward while flying forward

■ Backward 360° Flips

Push 360° Flip button once, then push the right throttle stick downward. Drone will flip backward while flying backward

■ Right Side 360° Flips

Push 360° Flip button once, then push the right throttle stick to the right. Drone will flip right while flying to the right

■ Left Side 360° Flips

Push 360° Flip button once, then push the right throttle stick to the left. Drone will flip left while flying to the left

CALIBRATION TRIM CONTROL

■ Trim Control Right

Drone is turning right. Push the appointed calibration trim control button until excessive right turning stops

■ Trim Control Left

Drone is turning left. Push the appointed calibration trim control button until excessive left turning stops

■ Trim Control Strafe Right

Drone is drifting to the right. Push the appointed calibration trim control button until excessive drifting stops

■ Trim Control Strafe Left

Drone is drifting to the left. Push the appointed calibration trim control button until excessive drifting stops

■ Trim Control Forward

Drone is drifting forward. Push the appointed calibration trim control button until excessive drifting stops

■ Trim Control Backward

Drone is drifting backward. Push the appointed calibration trim control button until excessive drifting stops

Long beep from RC during trimming Indicate that you had reached the factory setting.

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LIFT OFF CORRECTION

Place the Drone on a flat surface and turn it ON. Turn ON RC. After frequency matching, push both left and right throttle to the bottom right corner of the RC and hold for 3-5 seconds. Lights on drone will quickly blink for 3-5 seconds. Once the light stop blinking the Drone should lift off properly

TROUBLESHOOTING

| PROBLEMS                                  | SOLUTIONS                                                                                                                                                                                                                                     |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Transmitter / RC is not turning on        | Replace remote controller 'AA' batteries                                                                                                                                                                                                      |
| Battery is not charging                   | Make sure the battery is properly plugged into the USB charge wire Make sure the battery wires are intact and have not separated from the contact points Make sure your power supply to the USB charge wire is working                        |
| Drone is not flying stable or lifting off | Recharge Drone battery Re-sync transmitter RC to Drone (match frequency) Push the calibration trim reset button Make sure the battery cover door is closed Make sure there is no debris in the motors Make sure the blades are turning freely |
| Drone is not flying                       | Recharge Drone battery Make sure the battery is properly plugged into the Drone Go back to the "Lift off correction function" in the manual                                                                                                   |
| Camera is not working                     | Make sure the camera's wire is plugged into the Drone and memory card is inserted. Turn off drone and RC, and on again, allow frequency to match again.                                                                                       |

Most problems are very easily fixed with these two common solutions: Recharge the Drone battery, or reinstall the protective cages around the blades for proper clearance

FLIGHT ENVIRONMENT INDOOR / OUTDOOR

INDOOR:

- Avoid obstacles, fans, forced air, water, heat and air-conditioning vents
- Recommended flying area: 20' L x 20' W x 12' H (6.09 m x 6.09 m x 3.65 m)
- Keep flying Drone away from pets, young children, pedestrians, the elderly and the disabled

OUTDOOR:

- Do not fly on windy or rainy days, or in snow - fly in good weather
- Do not fly if you see lightning or other threatening weather
- Do not fly near trees, buildings, homes, or similar structures
- Do not fly near moving methods of transportation or pedestrians
- Do not fly near overhead telephone, electrical wires or cables
- Recommended flying area: 40' x 40' (12.19 m x 12.19 m)
- Keep away from water and excessive moisture

WHEN NOT IN USE

- Be sure USB charge-wire is unplugged from power supply
- Turn Drone power switch OFF
- Turn transmitter RC power switch OFF
- When not in use for 30 days or more, remove transmitter 'AA' batteries. Batteries may leak and cause damage

WARNING

- Do not place stickers, weight, or anything else on the Drone. This may cause the unit to crash or malfunction, voiding the warranty
- Avoid flying under low ceilings. Crashing into ceilings may cause damage to the Drone
- To avoid injury, do not touch the blades or any other moving parts
- Allow 10 minutes for the battery to cool down before touching
- Keep flying Drone away from pets, young children, pedestrians, the elderly and the disabled
- Keep your hair and loose clothing away from moving blades - do not let flying drone get too close to you

USE GOOD COMMON SENSE WHEN FLYING!

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SPARE PARTS LIST: AVAILABLE AT WWW.SWIFTSTREAMRC.COM

\*1 Drone body top and bottom

\*2 Main blades 4 to a set (2) 'A' blades (2) 'B' blades

\*3 Landing gears 4 to a set

\*4 Protective blade guards 4 to a set

\*5 LED protective light covers 4 to a set

\*6 Motor A

\*7 Motor B

\*8 LED lights (2) red

\*9 LED lights (2) green

\*10 Drone circuit board with ON/OFF switch

\*11 Large motor gears 4 to a set

\*12 Motors shaft covers 4 to a set

\*13 3.7V 650mAh Li-Poly battery

\*14 USB charge-wire with built-in charge light

\*15 2.4GHz remote controller

\*16 Camera 0.3MP 480° 640DFI

\*17 2GB micro memory card

USE GOOD COMMON SENSE WHEN FLYING TO AVOID DAMAGE OR INJURY

AVOID DANGER

DO NOT TOUCH ANY MOVING PARTS - KEEP YOUR HAIR AND LOOSE CLOTHING AWAY FROM MOVING BLADES - DO NOT LET FLYING DRONE GET TOO CLOSE TO YOU - ALLOW BATTERY TO COOL DOWN FOR 10 MINUTES BEFORE TOUCHING

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