

**SPIKECAM Body Camera
USER MANUAL**

Model: Z15

<https://www.spikecam.com>

Dear Customer,

Thank you for choosing our product. The Z15 is a new portable camera from SPIKECAM that boasts high-quality audio and video, motion detection, and picture-taking capabilities. Additionally, it offers up to 6 hours of continuous, high-definition video recording time. You can easily playback the video on your computer or on your mobile phone. To ensure proper use of this product, please read the manual carefully and keep it for future reference. For your convenience, we have prepared a few minutes of **video tutorials** that can be accessed by visiting <https://www.spikecam.com/z15> or by scanning the QR code below. If you have any questions, please contact our customer service at info@spikecam.com and we will respond to you within 24 hours.

Thank you for choosing SPIKECAM.

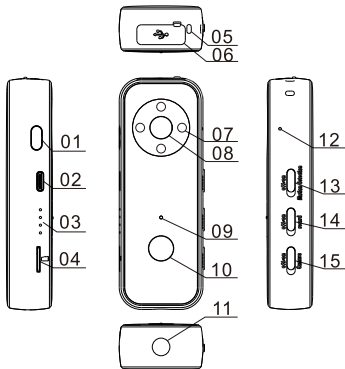
Best regards,
The SPIKECAM Team



Scan to watch training video

<https://www.spikecam.com/>

Diagram



01 Battery Info Button
 02 Type C Port
 03 Remaining Battery
 Indicators
 04 TF Card Slot
 05 Lanyard Loop
 06 Power Output

07 IR lights
 08 Camera Lens
 09 Status LED
 10 Power Button
 11 1/4" Screw Hole
 12 Reset Button
 13 Motion Detection Slider
 14 Audio Recording Slider
 15 Video Recording Slider

Specification

RECORDING	
Video Resolution	1080P/ 720P
Video Format	.MOV
Recording Angle	140 degrees
Audio	High Quality Built-in Microphone.
Recording Indicator	Front LED Indicator
Water Mark	Time and Date Stamp Embedded into Video.
Frame Rate	30fps
Video Duration/Video Length	3/5/10/15 Mins
Activation prompt	LED Indicators
PHOTOGRAPH	
Photo Size	12MP/8MP/3MP/2MP
Camera Format	JPEG
BATTERY	
Type	Built-in 2000mAH Lithium (LiCoO2)
Charging Time	180 minutes
Battery Life	About 6 hours at 1080P(Night Vision Off)
OTHERS	
Storage Capacity	32/64/128GB(Depending on your version)
IR LED Lights	4PCS 850nm High Power Infrared LED
Night Vision	Off/Manual/Auto
Loop Recording	Support
Waterproof	Ip66
Dimensions	100 mm *36 mm *20mm
Weight	83 gram
Stealth Mode	Support
Storage temperature	-20C° ~ 65C°
Working Temperature	-20C° ~ 65C°
ACCESSORIES	
Standard Accessories	USB Cable, Bicycle Mount, Desk Tripod, TF Card Reader, Lanyard Cord

2. How to use?

2.1 Power On

To ensure proper operation of the device, please confirm that the following two conditions have been met before powering it on:

- (1)The TF card has been correctly installed in the designated slot (No. 4 TF Card Slot) with the **FAT32 format**.
- (2)All three sliders on the right side (No. 13-15 Sliders) are **in the Off state**.

Once these conditions have been confirmed, **press and hold the power button (No. 10) for 3 seconds, then release it**. The status LED (No. 09) will flash green 5 times before remaining constant, indicating that the device has been successfully powered on and is now in **standby mode**.

If the status LED is **flashing red** constantly, please ensure that the two conditions mentioned above have been met. Refer to section 2.2 to power off the device and confirm that the above conditions have been met again before attempting to power it on.

2.2 Power Off

To shut down the device, **press and hold the power button (No. 10) for approximately 5 seconds** while it is in standby mode. The status indicator will flash red 3 times before turning off, confirming that the device has successfully shut down.

2.3 Video Recording

To begin recording video, ensure the device is in Standby Mode (indicated by a solid green status LED) and **push the video recording slider** (No. 15, labeled with "Camera" text) **up to the On state**. The status LED will start flashing green slowly, indicating that the device is recording video.

To stop recording video, push the slider down to the Off state. The recording will stop, and the status LED will return to a solid green, indicating that the camera has returned to Standby Mode.

Once fully charged, the device can continuously record video for 6 hours at 1080P resolution with night vision turned off.

2.4 Audio Recording

To begin recording audio, ensure the device is in Standby Mode and **push the audio recording slider** (No. 14, labeled with "record" text) **up to the On state**. The status LED will start flashing green slowly, indicating that the device is recording audio.

To stop recording audio, push the slider down to the Off state. The recording will stop, and the status LED will return to a solid green, indicating that the camera has returned to Standby Mode.

2.5 Motion Detection

To activate motion detection, ensure that the device is in Standby Mode and **push the motion detection slider** (No. 13, labeled with "Motion detection" text) **up to the On state**. The status LED will flash green five times before entering the motion detection state.

-2.5 Motion Detection

If the device detects any movement in the surrounding environment, it will immediately start recording video for a 3-minute segment. After 3 minutes, if no motion is detected, the device will automatically return to Standby Mode. Please note that the motion detection feature is very sensitive and will automatically start video recording if someone is nearby.

To stop motion detection, push the slider down to the Off state. The status LED will return to a solid green, indicating that the camera has returned to Standby Mode.

2.6 Take Photo

In Standby Mode, **quickly press the power button twice**. The status LED will flash green once, indicating that a photo has been successfully taken.

2.7 Remaining Power Information

To check the current remaining power of the device, **press the remaining battery info button** (No.1) located on the left side. The remaining battery indicator is divided into four grids, representing the remaining battery levels of 25%, 50%, 75%, and 100%. To turn off the battery display, quickly press this button twice.

Please note that the remaining battery indicator has no relationship with the camera's on/off status. The camera's power is controlled by the power button only (No.10).

2.8 Charge The Camera

To charge the camera (No.02 Type C Port), use a **USB charger with a 5-volt output**, such as a mobile phone charger or a computer USB port. During charging, the remaining power indicator (No.3) will flash, and when all four power indicators are on, it means the camera is fully charged. It takes approximately 3 hours to fully charge the camera.

For the first time use, we recommend charging the camera for 3 hours to ensure a full charge. **Please note that in order to protect the environment and reduce electronic waste, we do not provide a charger with the camera. If you really need one, please contact our customer support.**

2.9 How to reset?

If the camera malfunctions, try **holding down the power button to force it to power off**, and then power it on after a few seconds. If this method does not work, use a pin to **press the reset button hole** (No.12) located on the right side of the camera several times before attempting to power it on again.

2.10 Turn on/off WiFi hotspot mode

To enter WiFi hotspot mode, first make sure that the camera is in standby mode. **Press and hold the power button for about 2 seconds, then release it immediately** (do not keep pressing it, as this will shut down the camera). When the Status LED **flashes green** slowly, the camera has entered WiFi hotspot mode, and you can find the camera's WiFi signal beginning with "**Z15-xxxxxx**" in your mobile phone's WiFi list.

-2.10 Turn on/off WiFi hotspot mode

To connect to the camera's WiFi, enter the initial password "**12345678**". If a pop-up message appears stating that the current WiFi hotspot cannot access the internet and asks if you want to switch to another one, please do not switch networks.

To turn off the camera's WiFi hotspot, press and hold the power button for about 2 seconds. Before turning off the hotspot, be sure to close the **viidure** App.

You can use the **viidure** App to play back audio and video files on your phone via WiFi. We will provide more information about the **viidure** App in sections 3.2 and 4.

2.11 How to charge other device?

The Z15 has a built-in 2000mAh battery that can be used as a backup portable charger. To access it, open the **Power Output port** (No.06) with your fingernail. Please note that using this function may reduce the camera's battery life.

3. Files Playback

3.1 Via computer (recommended)

To playback and copy files, connect the camera to your computer using a **Type C data cable**. This will allow the camera to function as a USB flash disk. Alternatively, you can take out the TF card (No.04) and use a TF card reader to playback files on computer.

3.2 Via Mobile phone

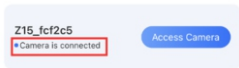
1. To get started, download and install the viidure App on your phone. You can scan the QR code below to download the app, or search for "**viidure**" directly on the Apple Store or Google Play. For the best playback experience, we recommend using iPhone, as it will provide a more stable connection.



2. To connect to the camera, turn on the camera's WiFi Hotspot and use your mobile phone to connect to the camera's WiFi signal started with Z15-xxxxxx (with the default password "12345678"). For more details, please **refer to step 2.10**.

3. Open the viidure App. If the text "**Camera is connected**" appears in the bottom, congratulations! The connection between the viidure App and the camera has been successfully established. If "**Camera Disconnected**" appears, please check your WiFi list to ensure that you have successfully connected to the camera's WiFi. Then return to the viidure App to check the connection status.

-3.2 Via Mobile phone



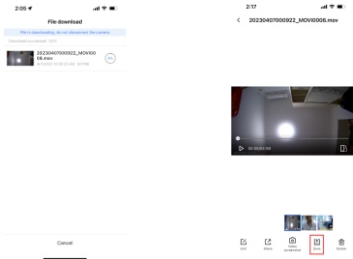
4. You can use the viidure App to playback video and photo files, as well as control the start and stop of video recording, take pictures, and adjust camera parameters. More details about these features will be explained in section 4.

Tips:

- 1) When playing back audio and video files on your computer, we recommend using VLC player.
- 2) The viidure App may have compatibility issues. If the app does not work on your mobile phone, we suggest trying the app on another mobile phone to see if it works properly. If it still doesn't work, you can use **Roadcam** app instead. (search it in the app store and download or send us email).
- 3) If the viidure App becomes unresponsive/crash, you can try closing the app and reopening it. Or try **reboot** the camera and connect to camera's WiFi hotspot again.
- 4) To ensure the best playback quality, we recommend **downloading video files** to your phone's local photo album before watching them. Playing videos directly through WiFi may result in lower resolution (as they have been transcoded) and slower or unstable playback speed.

4.1 Playback Files

(5) In IOS, you have to go to downloaded files and click the “save” button to save the downloaded video to your phone's album.



4.1 Camera Parameter Setting

To access the camera settings, click the “**camera settings**” icon located in the right bottom corner of the screen. Here are some of the camera settings you can adjust:



(1)Time synchronization: When the camera is connected to the viidure App, its time will be automatically synchronized with the time on your mobile phone.

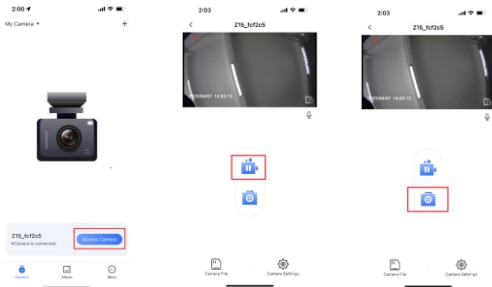
—4.1 Camera Parameter Setting

- (2) Video Resolution:** Video resolution. You can set the video resolution to 1920x1080P or 1280x720P. Setting it to 720P will sacrifice some video quality, but you'll get a longer recording time.
- (3) Loop Record:** When loop recording is enabled, the camera automatically deletes the oldest video file to make room for the latest recording when the memory space is insufficient. We recommend enabling this function to ensure continuous recording.
- (4) Loop Record Options:** The video segment length. To prevent the size of a single video file from becoming too large, we recommend keeping this option at 3 or 5 minutes. This will also help ensure that the playback or download time in viidure app will not be too long.
- (5) Time Stamp:** When turned on, a watermark displaying the time and date of the recording will appear on the video.
- (6) Image Resolution:** You can select the camera photo resolution from 2MP to 12MP according to your needs.
- (7) Delay Off Time:** If there is no user interaction while the device is in standby mode, it will automatically shut down after a certain amount of time.
- (8) Date Format:** Change the date format based on your needs. YY means year, MM means month, and DD means day.
- (9) IR Mode:** Infrared night vision mode. You can set it to On, Off, or Auto.
On: The infrared night vision light (No. 07) will always be on. This setting will consume more power and affect the recording and standby time.
Off: The infrared night vision light will always be off.
Auto: The infrared night vision light will automatically turn on when it's dark. (Recommend)
- (10) Status Lights:** If you turn it off, the camera enters a **stealth mode**, and the **Status LED turns off** during recording or motion detection. To check if the camera is working while in this mode, simply press the power button. If the LED **flashes red** once, it means that the camera is active and recording.
- (11) WiFi Name :** You can view the current WiFi name and change it using only letters and numbers. Please note that the changes will take effect after restarting the device.

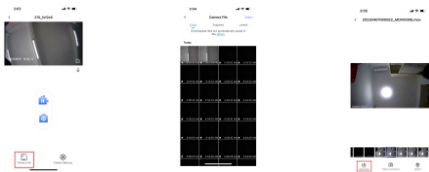
4. How to use viidure App?

4.1 Playback Files

- (1) Click the **“Access Camera”** button to enter camera preview mode. Camera will start video recording automatically.
- (2) Click the **recorder icon** to start or stop video recording.
- (3) Click the **camera icon** at the bottom to capture a photo.



- (4) Click the **“Camera File”** icon at the left bottom to playback video files, and select a video file to play or download. We recommend downloading large video files to your device's photo album first before playback for a better experience. You will be able to catch a screenshot of the video by click on the screenshot icon and playback these files under Snapshot page.



Appendix: Status LED Diagnosis Table

Camera Status	Status LED	Corresponding Operations
Power on	Flash green 5 times	Press and hold the power button for more than 2 seconds in the off state
Stand By	Solid Green	
Power off	Flash red 3 times and then off	In any state, press and hold the power button for more than 5 seconds until you see the red light flashing
Video/Audio Recording Motion Detect	Flashing green slowly	In standby mode, push the corresponding slider to "on"
Take Photo	Flash Green 1 time	Double-click the power button in standby mode
WiFi Hotspot Mode	Flashing green rapidly	To activate WiFi hotspot mode, press and hold the power button for 2 seconds and release it immediately while in standby mode. Be careful not to hold it too long, as this will cause the device to shut down. To exit WiFi hotspot mode, press and hold the power button for 2 seconds and release it immediately. The camera will return to standby mode, indicated by a constant green light.
Warning	Red light flashing rapidly	Possible reasons: 1)The TF card may not be recognized due to it not being inserted correctly or the card format not being FAT32. To format the memory card, use a TF card reader or turn on the camera's WiFi and format the card through the viidure app. 2)Ensure that the three sliders on the right side are reset to the Off state when powering on the camera. 3)Try rebooting the camera
Stealth Mode	Status LED off	Set Status Lights to be off in the viidure App. The camera enters a stealth mode, and the Status LED turns off during recording or motion detection. To check if the camera is working while in this mode, simply press the power button. If the LED flashes red once, it means that the camera is active and recording.
Charging	Battery indicators blinking	Please use a 5V output USB charger and a Type C data cable to charge the device
Fully Charged	All battery indicators up	

—4.1 Camera Parameter Setting

(12) Password: You can view and change the current WiFi password using only letters and numbers. After restarting the device, the changes will take effect. Please write down the new password to avoid any future issues.

(13) Firmware Version: Current firmware version.

(14) Format SD Card: Please use caution when formatting the TF memory card, as **all data will be lost** after formatting.

(15) Default Setting: Restoring Factory Defaults

Tips for using the app:

- 1) Video files are typically large in size, so we recommend downloading them to your local photo album before watching to ensure smooth playback.
- 2) If you experience issues with the viidure app, such as freezing or difficulty connecting to the camera, try force closing the app and reopening it.
- 3) If the app showing Camera Disconnected, check if your phone is currently connected to the camera's WiFi hotspot and return to the viidure app. If it still doesn't work, **try rebooting the camera** and turn on WiFi again.
- 4) Compatibility issues may arise with the viidure software on different versions of mobile phones. For the best experience, we recommend using an iPhone.
- 5) If the viidure app doesn't work for you, try the Roadcam app. You can search and download it on the App Store for iOS or Google Play for Android.

5. Trouble Shooting

1. The camera won't turn on. Please charge the camera battery for at least 3 hours before attempting to turn on the camera again.
2. The camera's Status LED is flashing red. Please shutdown the camera and reset the 3 sliders to off position, and then try powering on again.
3. The viidure app is unresponsive. Please close the app and reopen it. If not work, please shutdown the camera and turn on WiFi and use viidure app to connect again.
4. The battery life is short. Check if the infrared night vision function is turned on. The infrared night vision and WiFi function can affect the continuous recording time.

If the above solutions cannot solve the problems, please contact customer support: info@spikecam.com