

PATROLEYES

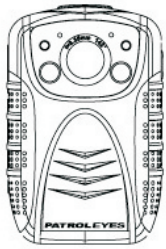
SC-DV1



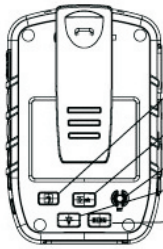
User Manual

OPEN >>>>>

Overview

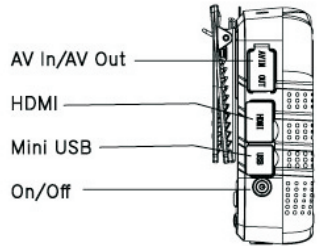


FRONT

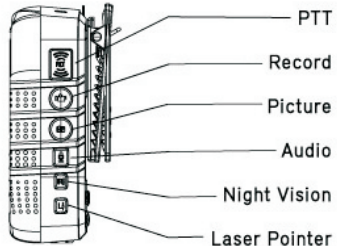


BACK

- Back
- Confirm
- Reset
- LCD ON/OFF
- Menu

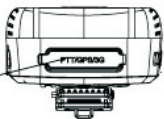


- AV In/AV Out
- HDMI
- Mini USB
- On/Off



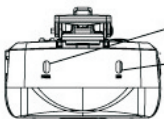
- PTT
- Record
- Picture
- Audio
- Night Vision
- Laser Pointer

SIDE



- 30 Pin Port (GPS, PTT, 3G)

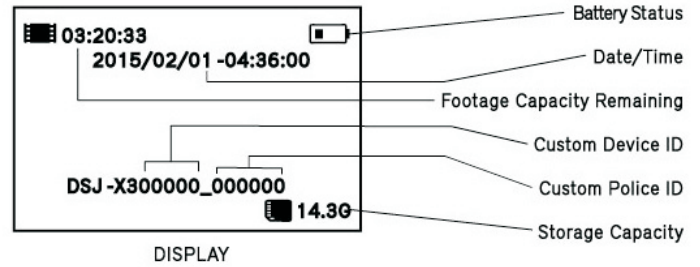
BOTTOM



- Power Indicator
- Activity Indicator

TOP

On-screen display



- Mode indicator (video/ photo /audio)
- Amount of footage that can be recorded based on resolution
- GPS indicator
- Battery status
- Date and time
- Current storage remaining
- The first 5 digits can be set to a custom device ID, while the last 6 digits can be set to a custom badge ID.

- Fully charge the camera using the included USB cable and charger for 3-4 hours. The activity indicator will turn blue when charging. When the camera is fully charged the blue light will turn off.
- Confirm that the date and time on your device are correct and enter your device ID and badge ID in the menu.

Note: The LCD screen protectors will help prevent scratches and do not interfere with the IR LED's. Keep the camera lens clean and free of debris with a soft cloth.

Wearing your body camera properly

On your chest (uniform):

- Attach the camera's clip to the front of your uniform.
- Rotate the camera's clip 45° and clip it to the top of your uniform.

On your shoulder:

- Using the optional epaulette mount, clip the camera to the bracket on the epaulette mount.

On your waist: (Best when using an external camera)

- Clip the camera to your belt. To aim the camera's lens higher, simply wedge or shim a small piece of foam or other material between the camera's clip and LCD and as close to the base of the clips attachment.

Basic Operation:

1) Press and hold the "Power" button (*located on the bottom of the right side of the camera*) for about 3 seconds, the user will hear a click sound and the camera will vibrate. A green indicator light on top of the camera will turn on and remain green while it is powered on. The camera and LCD monitor will turn on and enter into a standby mode. The video preview mode will then be displayed on the LCD.

2) The video preview mode displays: recording time, battery indicator, device ID, storage capacity, and camera view.

3) Press and hold the "Power" button for about 3 seconds, the camera will turn off. The user will hear a sound and the camera will vibrate before it powers off. The green indicator light will also turn off.

Transfer & manage files on your computer:

(Compatible with Windows XP, Vista, 7 & 8, and Apple)

1) Connect the camera to your computer via the USB cable.

2) Open the related Removable Disk drive (usually D: or E: drive) in "My Computer".

3) Double click to view the folder contents then click on each file to view, transfer, or delete the media files.

1) Video Recording:

- a. To record a video, press the “Record” button on the left side of the *camera (second button with a video recorder symbol on it)* the unit will give three short vibrations. The video camera recorder symbol on the LCD monitor display will turn red and begin to blink, indicating the camera is currently recording.
- b. Press the “Record” button again to stop recording. The unit will vibrate three times and the video camera recorder symbol will stop blinking and turn white. The video has now been saved.
- c. When recording during the night or in a dark environment, press the “IR” button. The infrared (IR) LED lights will turn on and the device will enter into night mode. The video recorded in this mode will be in black and white.

One Touch Recording:

When the unit is powered off, press and hold the record button for 3 seconds, the device will turn on and automatically start video recording.

2) Photograph Feature:

- a. To take photos, press the “Camera” button (*located under the Record button on the left side of the device with a symbol of camera on it*). The camera will start taking pictures similar to a digital camera.

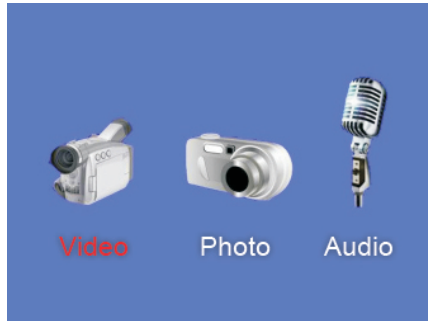
- b. To take photos while video recording, press the “Camera” button and the camera will capture a photo of the picture recorded at that time without interrupting the video recording.
- c. To take photos at night or in the dark, press the “IR” button to go into night mode and turn on the IR LED lights. Photos taken in night mode will be black and white.

3) Audio Only Recording:

- a. To record audio only, press the “Microphone” button (*located below the Camera button with a microphone symbol on it*). The camera will vibrate once briefly and a recording timer will appear on the LCD screen display.
- b. To stop recording, press the “Microphone” button again. The camera will vibrate once briefly and return to the video preview. The audio recording will end and will be saved as an audio file.

Video Playback

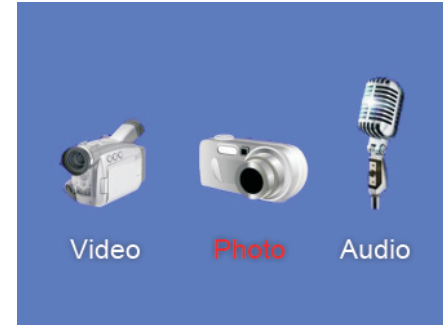
Users are able to view previously recorded video files using the following process:



- a. Press the “Confirm/Playback” button to go to the Playback Menu.
- b. Use the up arrow (IR/Zoom In) or the down arrow (Laser/Zoom Out) button to select the Video Icon, and then press the “Confirm/Playback” button to display all saved recorded video files.
- c. Select the video file to view by using the “Up/Down” buttons. After selecting the video file, press the “Confirm/Playback” button to see the recorded video in full screen.
- d. To return to the Playback Menu, press the “Return/Instant Playback” button.
- e. To return to the Video Preview screen display, continue to press the “Return/Instant Playback” button.

Photo Playback

There are two ways a user can play back recorded files on this device; the “Confirm/Playback” button and/or the “Return / Instant Playback” button (the buttons are located below the LCD monitor display, also see the picture diagram).



- ⚡ The “**Return/Instant Playback**” button when selected will automatically play the last recorded file.
- ⚡ The “**Confirm/Playback**” button when selected will take the user to the Playback Menu screen. The user can then select which recorded file to playback.

1) Photo Display:

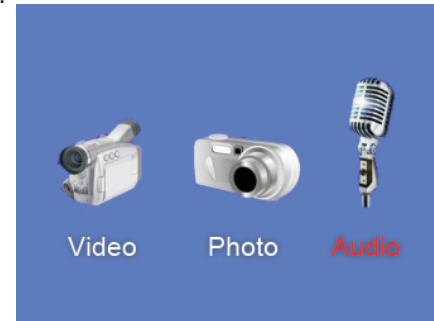
- a. Press the “Confirm/Playback” button on the camera. The Playback Menu should appear on the LCD screen display.
- b. Use the up or down arrow button to select the Camera/Photo Icon, and then press the “Confirm/Playback” button to display all saved photos.

Photo Playback

- c. Select the photo to view by using the “Up/Down” buttons. After selecting the photo, press the “Confirm/Playback” button to see the picture in full screen.
- d. Users can alternate between photos using the “Up/Down” buttons (in both slide mode and full screen mode).
- e. To return from full screen mode to slide mode, press the “Return/Instant Playback” button.
- f. To return to the Playback Menu, press the “Return/Instant Playback” button.
- g. To return to the Video Preview screen display, continue to press the “Return/Instant Playback” button.

Audio Playback

Users are able to listen to recorded audio files by following these steps:



- a. Press the “Confirm/Playback” button to go to the Playback Menu.
- b. Use the up or down arrow button (as explained earlier) to select the Microphone/Audio Icon, and then press the “Confirm/Playback” button to display all saved recorded audio files.
- c. Select the audio file by using the “Up/Down” buttons. After selecting the audio file, press the “Confirm/Playback” button to listen to the recorded audio file.
- d. To return to the Playback Menu, press the “Return/Instant Playback” button.
- e. To return to the Video Preview screen display, continue to press the “Return/Instant Playback” button.

Setup - Resolution

To go to the **SET UP** interface, press the “Menu” button
(located below the LCD monitor display).

1) Resolution

- a. In the SET UP Menu select “**Resolution**” and press the “Confirm/Playback” button.

Setup	
Resolution	1920X1080
Video quality	High
Video duration	15 min
Photo size	5 M
Capture	Off
Volume	High

- b. There are five video resolutions to select from:
- 1. 1920*1080P/30fps**
 - 2. 1440*1080P/30fps**
 - 3. 1280*720/30fps**
 - 4. 848*480PH/60fps**
 - 5. 848*480P/30fps**
- c. Select the video resolution you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

Setup - Video Quality

2) Video Quality

- a. In the SET UP Menu select “**Video Quality**” and press the “Confirm/Playback” button.

Setup	
Resolution	1920X1080
Video quality	High
Video duration	15 min
Photo size	5 M
Capture	Off
Volume	High

- b. There are three options to select from:

- High**
- Medium**
- Low**

- c. Select the video quality you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

Tip: This refers to the video bitrate. The higher the setting, the better the video quality and the larger the video size. To achieve the most battery life, please set to low.

Setup - Video Duration

3) Video Duration

- a. In the SET UP Menu select “**Video Duration**” and press the Confirm/Playback” button.

Setup	
Resolution	1920X1080
Video quality	High
Video duration	15 min
Photo size	5 M
Capture	Off
Volume	High

- b. There are four time intervals to select from:

- a. **5 minutes**
- b. **10 minutes**
- c. **15 minutes**
- d. **30 minutes**

- c. Select the time interval you prefer and press the “Confirm/Playback” button.

- d. Press the “Instant/Playback” button to return to the previous menu.

Setup - Photo Size

4) Photo Size

- a. In the SET UP Menu select “**Photo Size**” and press the Confirm/Playback” button.

Setup	
Resolution	1920X1080
Video quality	High
Video duration	15 min
Photo size	5 M
Capture	Off
Volume	High

- b. There are four photo resolutions to select from:

- a. **5 Megapixels**
- b. **8 Megapixels**
- c. **12 Megapixels**
- d. **16 Megapixels**

- c. Select the photo resolution you prefer and press the “Confirm/Playback” button.

- d. Press the “Instant/Playback” button to return to the previous menu.

5) Capture

- a. In the SET UP Menu select "Capture" and press the "Confirm/Playback" button. Capture mode refers to continuous photos shot in a sequence.

Setup	
Resolution	1920X1080
Video quality	High
Video duration	15 min
Photo size	5 M
Capture	Off
Volume	High 

- b. In the SET UP Menu select "**Capture**" and press the Confirm/Playback" button.
- c. There are three options to select from:
- a. **Off = Continuous photo disabled**
 - b. **3 Photos captured each time**
 - c. **5 Photos captured each time**
- d. Select the capture mode you prefer and press the "Confirm/Playback" button.
- e. Press the "Instant/Playback" button to return to the previous menu.

6) Volume

- a. In the SET UP Menu select "**Volume**" and press the "Confirm/Playback" button.

Setup	
Resolution	1920X1080
Video quality	High
Video duration	15 min
Photo size	5 M
Capture	Off
Volume	High 

- b. There are three options to select from:
- a. **High**
 - b. **Medium**
 - c. **Low**
- c. Select the volume setting you prefer and press the "Confirm/Playback" button.
- d. Press the "Instant/Playback" button to return to the previous menu.

7) ID

- a. In the SET UP Menu select “ID” and press the “Confirm/Playback” button.

Setup	
ID	X300000_000000 ⬆
Date	2015-03-12
Time	15 : 50
Pre_Recording	Off
Post_Recording	Off
Beep sound	Off ⬇

- b. Press the up arrow “IR/Zoom In” or the down arrow “Laser/Zoom Out” button to move the cursor, then press “Confirm/Playback” button, and press the up or down arrow button again to change the digit.
- c. Press the “Instant/Playback” button to return to the previous menu.

Note: The X300000_000000 is the camera ID format.
 The “X3” refers to the PatrolEyes version.
 The first 5 0’s “00000” are for device # or serial ID.
 The second set of 0’s “000000” are for police # or badge ID.
 Each digit can be set from “0-9” or from “A-Z”.

8) Date Setting

Setup	
ID	X300000_000000 ⬆
Date	2015-03-12
Time	15 : 50
Pre_Recording	Off
Post_Recording	Off
Beep sound	Off ⬇

- a. In the SET UP Menu select “Date” and press the “Confirm/Playback” button.
- b. Press the up arrow “IR/Zoom In” or the down arrow “Laser/Zoom Out” button to change the date, then press “Confirm/Playback” button to proceed.

9) Time Setting

Setup	
ID	X300000_000000 ⬆
Date	2015-03-12
Time	15 : 50
Pre_Recording	Off
Post_Recording	Off
Beep sound	Off ⬇

- a. Perform the same operation as the date setting above.

10) Pre-Recording

- a. In the SET UP Menu select **“Pre-Recording”** and press the “Confirm/Playback” button.

Setup	
ID	X300000_000000 
Date	2015-03-12
Time	15 : 50
Pre_Recording	Off
Post_Recording	Off
Beep sound	Off 

- b. There are two options to select from:
- 1. On = camera will pre-record 5~30 seconds prior to pressing the “Record” button (depends on the video resolution and quality).**
 - 2. Off =pre-recording will be disabled.**
- c. Select the Pre-Recording option you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

11) Post Recording

- a. In the SET UP Menu select **“Post-Recording”** and press the “Confirm/Playback” button.

Setup	
ID	X300000_000000 
Date	2015-03-12
Time	15 : 50
Pre_Recording	Off
Post_Recording	Off
Beep sound	Off 

- b. There are four options to select from:
- 1. On = camera will record 10/20/30 seconds after the end of each recording.**
 - 2. Off = post-recording will be disabled.**
- c. Select the Last-Recording option you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

Note: While post recording mode is enabled the camera will not respond with any indication but will automatically stop recording once the specified interval is completed.

12) Beep sound

- a. In the SET UP Menu select “**Beep sound**” and press the “Confirm/Playback” button.

Setup	
ID	X300000_000000 ⬆
Date	2015-03-12
Time	15 : 50
Pre_Recording	Off
Post_Recording	Off
Beep sound	Off ⬇

- b. There are two options to select from:
- 1. On = camera chimes/sounds will be enabled when pressing buttons.**
 - 2. Off = camera chimes/sounds will be muted.**
- c. Select the Beep option you prefer and press “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

13) Recording warning

- a. In the SET UP Menu select “**Recording warning**” and press the “Confirm/Playback” button.

Setup	
Recording warning	Off ⬆
Infrared lamp	Off
Filter	Off
Screen brightness	High
Auto off	10 min
GPS	Off ⬇

- b. There are four options to select from:
- 1. On = camera will beep every 10/15/30 seconds reminding you that a video is being recorded.**
 - 2. Off = no beep sounds while the camera is recording.**
- c. Select the Recording warning option you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

14) Infrared lamp

a. In the SET UP Menu select “**Infrared lamp**” and press the “Confirm/Playback” button.

Setup		
Recording warning	Off	⤴
Infrared lamp	Off	
Filter	Off	
Screen brightness	High	
Auto off	10 min	
GPS	Off	⤵

b. There are two options to select from:

- 1. On = the infrared LEDs will be automatically activated when the camera is powered on.**
- 2. Off = the infrared LEDs will not be activated automatically when the camera is powered on.**

c. Select the Infrared lamp option you prefer and press “Confirm/Playback” button.

d. Press the “Instant/Playback” button to return to the previous menu.

Tip: This feature is ideal for officers at night who do not want to turn on the IR LEDs manually each time the camera is powered on.

15) Filter

a. In the SET UP Menu select “**Filter**” and press the “Confirm/Playback” button.

Setup		
Recording warning	Off	⤴
Infrared lamp	Off	
Filter	Off	
Screen brightness	High	
Auto off	10 min	
GPS	Off	⤵

b. There are two options to select from:

- 1. On = the IR night vision filter will be automatically activated when the camera is powered on. This allows you to record in night vision mode without the infrared LEDs active / glowing red.**
- 2. Off = the IR night vision filter will be disabled when the camera is powered on.**

c. Select the Filter option you prefer and press the “Confirm/Playback” button.

d. Press the “Instant/Playback” button to return to the previous menu.

Tip: This mode is best for low light applications and to save on battery when using at night.

16) Screen Brightness

- a. In the SET UP Menu select “**Screen Brightness**” and press the “Confirm/Playback” button.

Setup		
Pre_recording	off	⤴
Last_recording	off	
Screen brightness	high	
Auto off	10 min	
GPS	off	
Firmware version	20141223	

- b. There are three options to select from:

High/Medium/Low

- c. Select the Screen Brightness option you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

17) Auto off

- a. In the SET UP Menu select “Auto off” and press the “Confirm/Playback” button.

Setup		
Pre_recording	off	⤴
Last_recording	off	
Screen brightness	high	
Auto off	10 min	
GPS	off	
Firmware version	20141223	

- b. There are four options to select from:

- 1. On = camera will automatically turn off after 3/5/10 minutes without any operation to save on battery life.**
- 2. Off = camera will not off automatically.**

- c. Select the “Auto off” option you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

18) GPS - External GPS Module Required

- a. In the SET UP Menu select “**GPS**” and press the “Confirm/Playback” button.



Setup		
Pre_recording	off	⤴
Last_recording	off	
Screen brightness	high	
Auto off	10 min	
GPS	off	
Firmware version	20141223	

- b. There are two options to select from:

- 1. On = enables GPS function.**
- 2. Off = disables GPS function.**

- c. Select the “GPS” option you prefer and press the “Confirm/Playback” button.
- d. Press the “Instant/Playback” button to return to the previous menu.

19) Firmware Version

- a. In the SET UP Menu select “**Firmware Version**”.



Setup		
Pre_recording	off	⤴
Last_recording	off	
Screen brightness	high	
Auto off	10 min	
GPS	off	
Firmware version	20141223	

- b. The current Firmware Version will display on the screen.

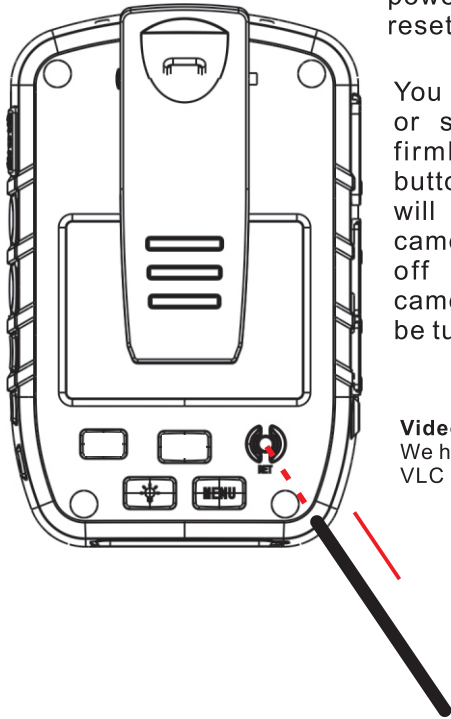
- c. Press the “Instant/Playback” button to return to the previous menu.

Note: For the latest firmware upgrades, please visit:
www.stuntcams.com/sc-dv1

If you are having problems with your camera, please fully recharge it first then power it on and press the reset button below.

You must use a paper clip or small screwdriver to firmly press the reset button. Once reset, you will hear a click and the camera and LCD will turn off automatically. The camera is now ready to be turned on again use.

Video Playback Issues?
We highly recommend using VLC Media player.



- PTT (push to talk) Walkie Talkie Cables
- GPS Adapter
- Suction Cup Mount
- Docking Station with Content Management Software
- Covert Button External Camera (Day or Night)
- Wide Angle External Camera (Day or Night)
- Epaulette Clip

For a complete list of accessories, video management software and pricing, visit:
www.stuntcams.com/PatrolEyes

For the latest news and firmware updates, please follow us at:
www.facebook.com/PatrolEyes
www.twitter.com/PatrolEyes

View our FAQ's page, firmware and more at:
www.stuntcams.com/sc-dv1