

Diversion CAM

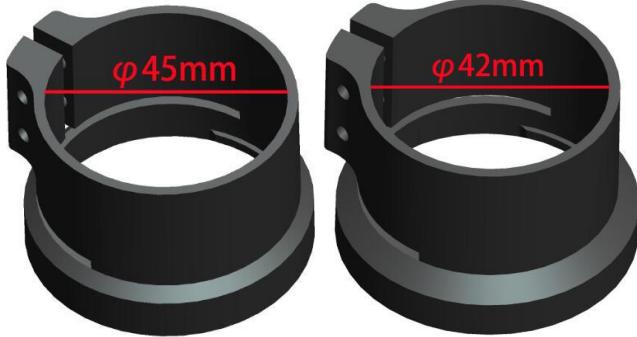
DVC-45



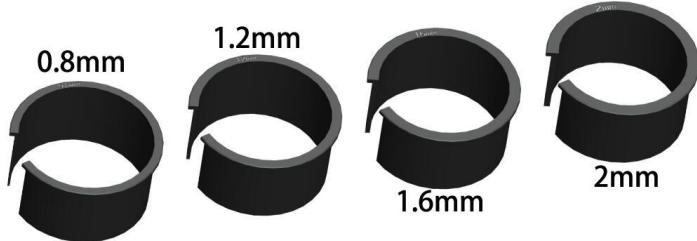
Instruction Manual

packing

1. DVC-45 device
2. Eyepiece adaptor collars (to fit 45mm & 42mm eyepieces)



3. Eyepiece adaptor collar inserts (thickness 0.8, 1.2, 1.6, 2mm)



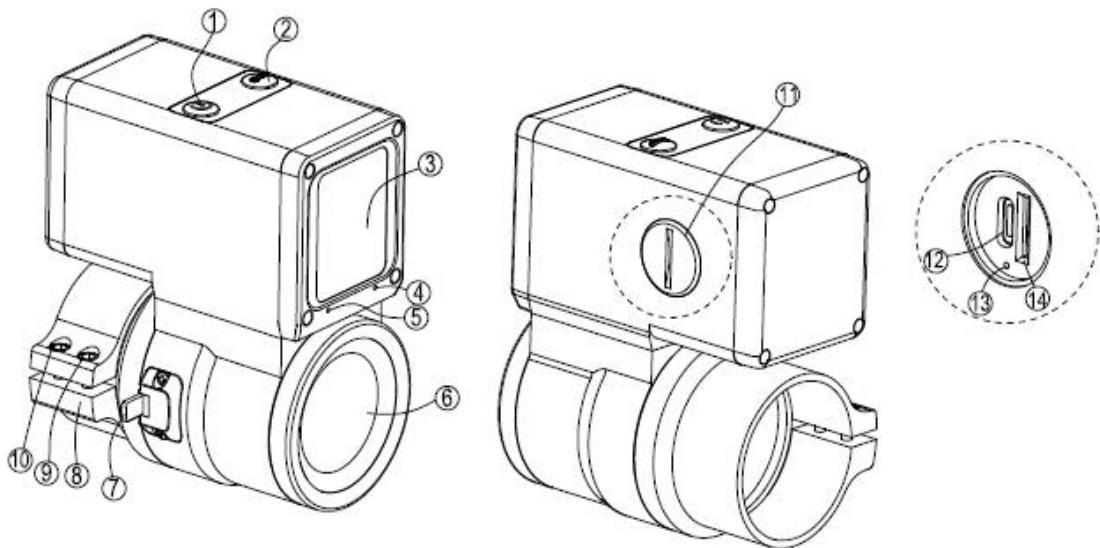
4. USB cable

5. Allen Key



6. Instruction manual

DVC-45 Over View



Parts overview:

1. Power button	8. Eyepiece adaptor collar
2. Snap button	9. Screw for the adaptor collar
3. Touch screen	10. Screw for the adaptor collar
4. Indicator light for working	11. cover
5. Mic	12. USB port
6. Eyepiece	13. TF card port
7. Quick release lever	14. Reset hole

Inserting / Removing the TF card

Remove cover to expose the TF card port.

Insert the TF card into the port and push until it locks in place.

To remove the TF card, push the TF card inward and it will pop out allowing you to remove it fully.

Storage capacity of 32GB or above is recommended

Instructions for Use

Power On: Press and hold the power button for 4 seconds to turn on the device.

Power Off: Press the hold the power button for 3 seconds to turn off the device.

Taking photos: Please touch the screen and then touch the icon “” to select the photo mode. The icon  will show in the top left corner of the screen. Press the [SNAP] button to take photos

Recording videos: Please touch the screen and then touch the icon “” to select the video recording mode. The icon  will be displayed in the top left corner of the screen. Press the [SNAP] button to start recording video and press the [SNAP] button again to stop recording.

Slow mode: Please touch the screen and then touch the icon “” to select the slow mode. The icon “” will be displayed in the left corner of the screen. Press the [SNAP] button to start recording video and press the [SNAP] button again to stop recording.

Playback mode: Please touch the screen and then touch the icon “” to enter the playback mode.

Wi-Fi mode: Please touch the screen and then touch the icon “” to enter the Wi-Fi mode.

Focusing the image

Autofocus: Please touch the screen and then touch the icon “” to autofocus.

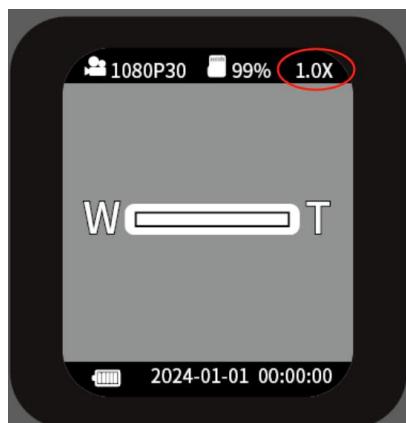


Manual focus: Please touch the circled area on the screen, as manual focus icon will appear on the screen. Touch icon "  " for focusing.



Digital zoom

Please touch the circled area on the screen, as digital icon will appear on the screen. Touch icon " W or T " for zoom in and zoom out.



Key Functions

【POWER】	POWER ON (Press and hold for 4 seconds) POWER OFF (Press and hold for 3 seconds) Screen OFF (Quick press one time, Indicator light is on) Screen ON (Quick press one time)
【SNAP】	In video mode: Press to take video. Press the button again to stop recording. In photo mode: Press to take photo. In playback mode: Press to Play video or photo. In setting mode: Press to select.

Display information.

Your screen display in Preview mode

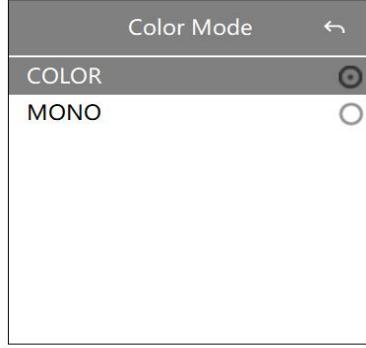
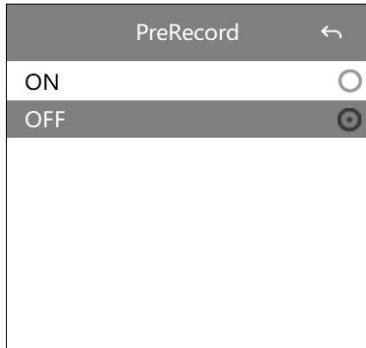
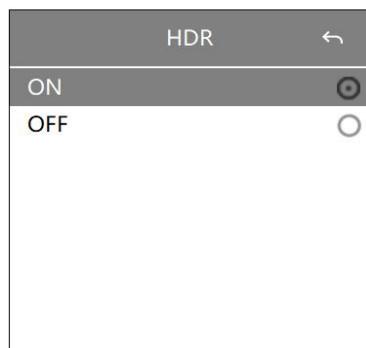
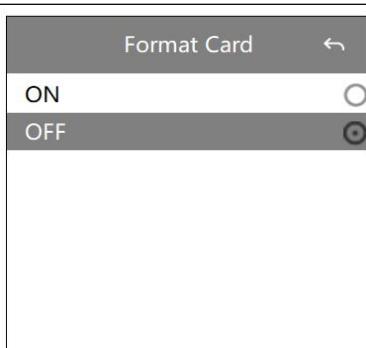


1	Icon displaying that you are in which Mode	photo/video/slow
2	The storage capacity of the TF card	
3	Digital zoom	
4	Battery power	
5	date	
6	time	
	Taking photos	
	Recording video	
	Playback mode	
	Slow mode	
	Wi-Fi mode	
	menu	
	Auto focus	

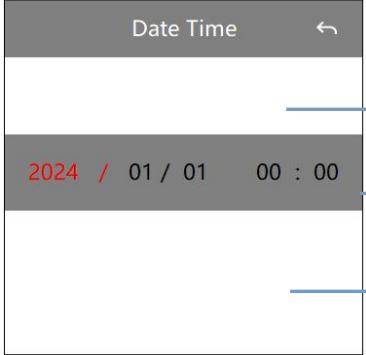
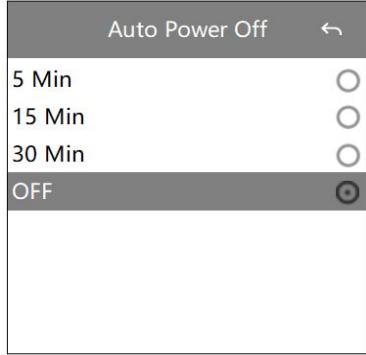
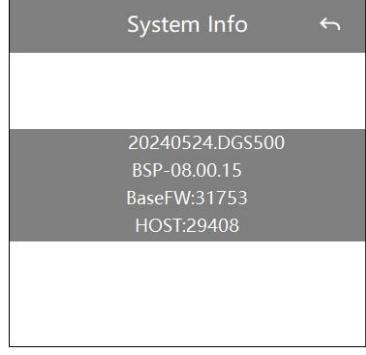
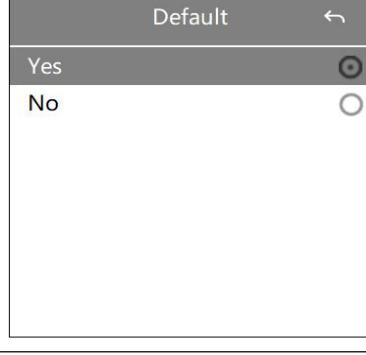
The screen display in Setting mode

MENU	←	MENU	←	MENU	←
🌐 Language	>	⌚ Zoom Step	>	⌚ Default	>
⚙️ LCD Brightness	>	📸 Photo Size	>		
📸 Video Resolution	>	📹 Video File Length	>		
⌚ Color Mode	>	📅 Date Stamp	>		
📹 PreRecord	>	📅 Date & Time	>		
HDR HDR	>	⚙️ Auto Power Off	>		
💾 Format Card	>	⌚ System info	>		
1/3		2/3		3/3	

Language	<table border="1"> <thead> <tr> <th>Language</th><th>←</th></tr> </thead> <tbody> <tr> <td>English</td><td>○</td></tr> <tr> <td>Deutsch</td><td>○</td></tr> <tr> <td>中文</td><td>○</td></tr> <tr> <td>Japanese</td><td>○</td></tr> <tr> <td>Italiano</td><td>○</td></tr> <tr> <td>Français</td><td>○</td></tr> <tr> <td>Čeština</td><td>○</td></tr> <tr> <td>polski</td><td>○</td></tr> </tbody> </table>	Language	←	English	○	Deutsch	○	中文	○	Japanese	○	Italiano	○	Français	○	Čeština	○	polski	○	<table border="1"> <thead> <tr> <th>Language</th><th>←</th></tr> </thead> <tbody> <tr> <td>Русский</td><td>○</td></tr> <tr> <td>بالعربية</td><td>○</td></tr> </tbody> </table>	Language	←	Русский	○	بالعربية	○
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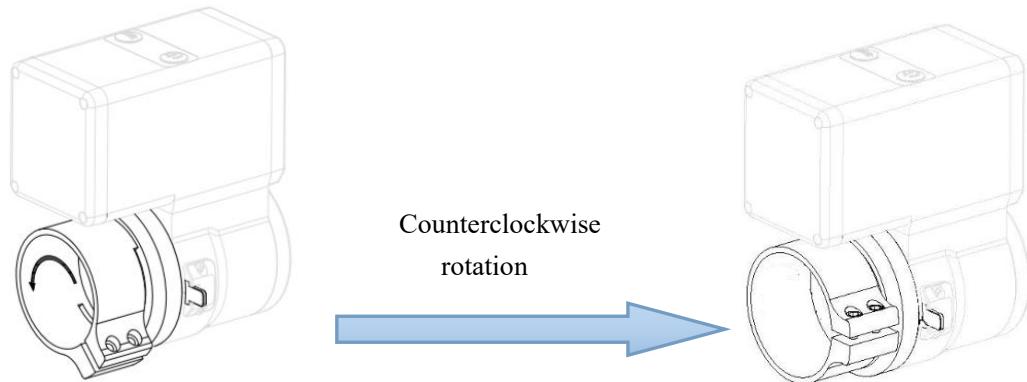
Color Mode	 <p>Color Mode</p> <p>COLOR <input checked="" type="radio"/></p> <p>MONO <input type="radio"/></p>
PreRecord	 <p>PreRecord</p> <p>ON <input type="radio"/></p> <p>OFF <input checked="" type="radio"/></p>
HDR	 <p>HDR</p> <p>ON <input checked="" type="radio"/></p> <p>OFF <input type="radio"/></p>
Format Card	 <p>Format Card</p> <p>ON <input type="radio"/></p> <p>OFF <input checked="" type="radio"/></p> <p>In slow mode, the HDR function will be disabled</p> <p>Note: Using the format function will clear all data in the TF card.</p>

Zoom Step	<table border="1"> <thead> <tr> <th data-bbox="605 204 743 238">Zoom Step</th><th data-bbox="822 204 843 238">←</th></tr> </thead> <tbody> <tr> <td data-bbox="509 249 541 282">0.1</td><td data-bbox="843 249 863 282"><input checked="" type="radio"/></td></tr> <tr> <td data-bbox="509 294 541 327">0.2</td><td data-bbox="843 294 863 327"><input type="radio"/></td></tr> <tr> <td data-bbox="509 339 541 372">0.5</td><td data-bbox="843 339 863 372"><input type="radio"/></td></tr> <tr> <td data-bbox="509 384 541 417">1.0</td><td data-bbox="843 384 863 417"><input type="radio"/></td></tr> <tr> <td data-bbox="509 428 541 462">2.0</td><td data-bbox="843 428 863 462"><input type="radio"/></td></tr> <tr> <td data-bbox="509 473 541 507">4.0</td><td data-bbox="843 473 863 507"><input type="radio"/></td></tr> </tbody> </table>	Zoom Step	←	0.1	<input checked="" type="radio"/>	0.2	<input type="radio"/>	0.5	<input type="radio"/>	1.0	<input type="radio"/>	2.0	<input type="radio"/>	4.0	<input type="radio"/>
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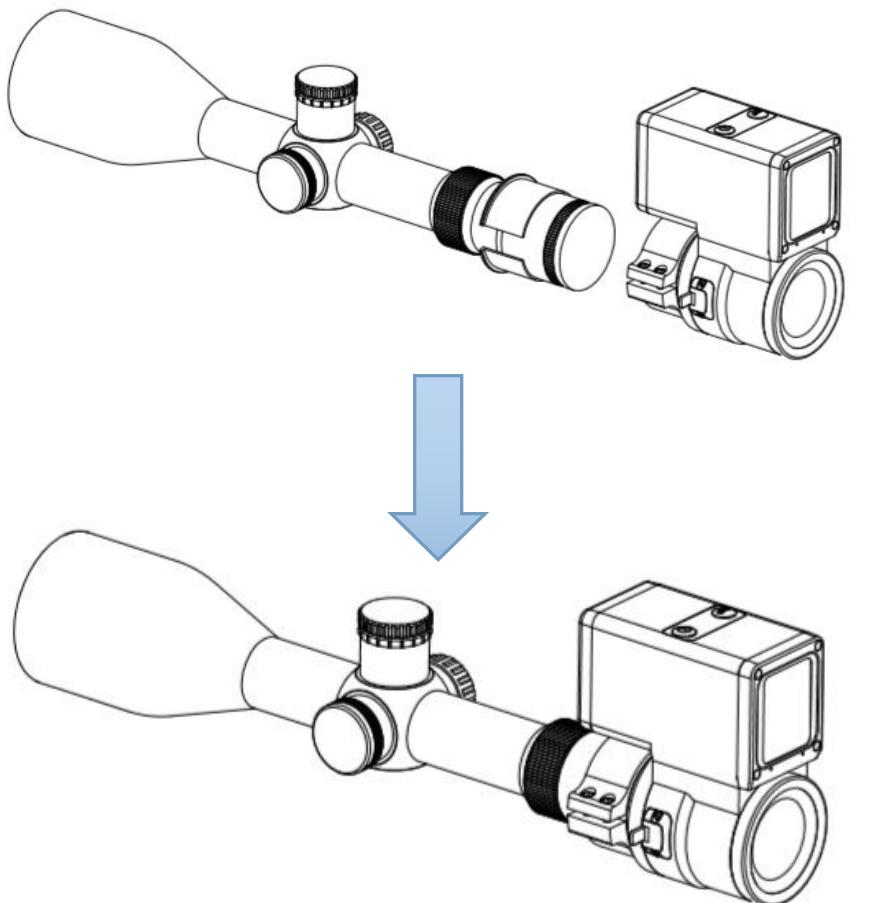
Date & Time	 <p data-bbox="504 186 870 541">Date Time ↵ 2024 / 01 / 01 00 : 00</p> <p data-bbox="965 265 1335 512"> Tap this area to select up Tap this area to select year, month, day, hour, and minute Tap this area to select down </p>
Auto Power Off	 <p data-bbox="504 572 870 927">Auto Power Off ↵ 5 Min <input type="radio"/> 15 Min <input type="radio"/> 30 Min <input type="radio"/> OFF <input checked="" type="radio"/></p>
System Info	 <p data-bbox="504 954 870 1309">System Info ↵ 20240524.DGS500 BSP-08.00.15 BaseFW:31753 HOST:29408</p>
Default	 <p data-bbox="504 1336 870 1691">Default ↵ Yes <input checked="" type="radio"/> No <input type="radio"/></p>

Assemble the DVC-45 to Scope

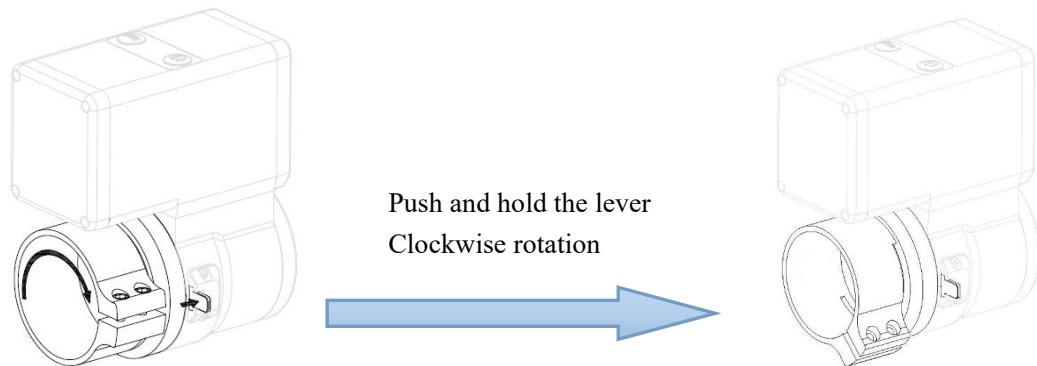
Fix the eyepiece adaptor collar on the device.



Slide the shim onto the ocular of scope then slide the eyepiece adaptor collar over the shim onto the ocular of the scope. With the unit powered on, check that reticle is upright when viewed on the screen of the add on device. After you have checked the alignment of the scope, tighten the 2 pcs screws to secure the eyepiece adaptor onto the scope.



1. Remove the eyepiece adaptor collar from the device.

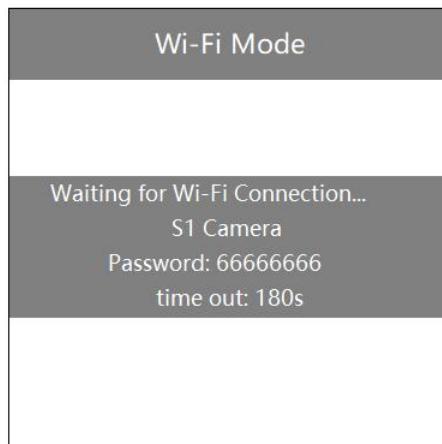


Choosing adaptor & shim(s)

Tube diameter of scope	Adaptor	Shim (thickness)
45.4-44.1	45mm	
44-43.4	45mm	0.8mm
43.3-42.6	45mm	1.2mm
42.5-41.8	45mm	1.6mm
41.7-41	45mm	2mm
41-40.4	42mm	0.8mm
40.3-39.6	42mm	1.2mm
39.5-38.8	42mm	1.6mm

WIFI

Please touch the screen and then touch the icon “” to enter the Wi-Fi mode.

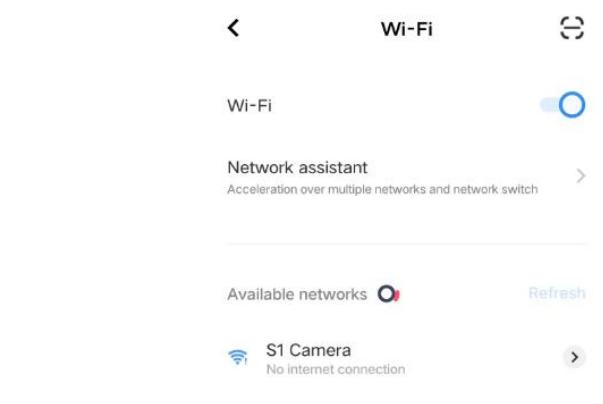


Android OS

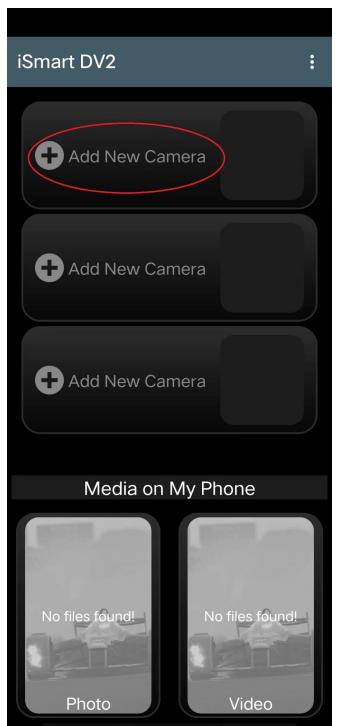
Please confirm that the iSmart DV2 app has been installed on your phone. You can download this APP from Google Play.

Turn on the Wi-Fi

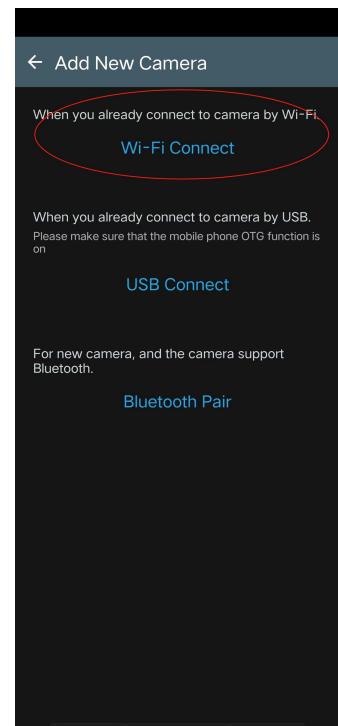
Choose the networks "S1 Camera" and connect to it.



Click the ICON  of your phone and will see the below picture



Please click "Add New Camera"



Please click Wi-Fi connect



Playback take photo photo/video



Playback record photo/video

Note: All photos and videos are stored in the TF card of the DVC-45 device. You can save them to your phone.

Apple IOS:

Please confirm that the iSmart DV2 app has been installed on your phone. You can download this APP from Apple store

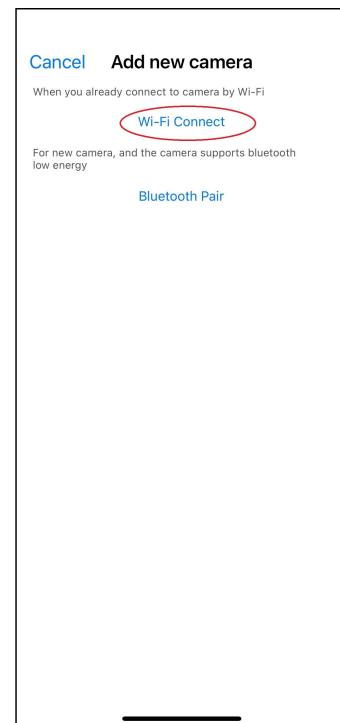
Turn on the Wi-Fi. Choose the networks "S1 Camera" and connect to it.



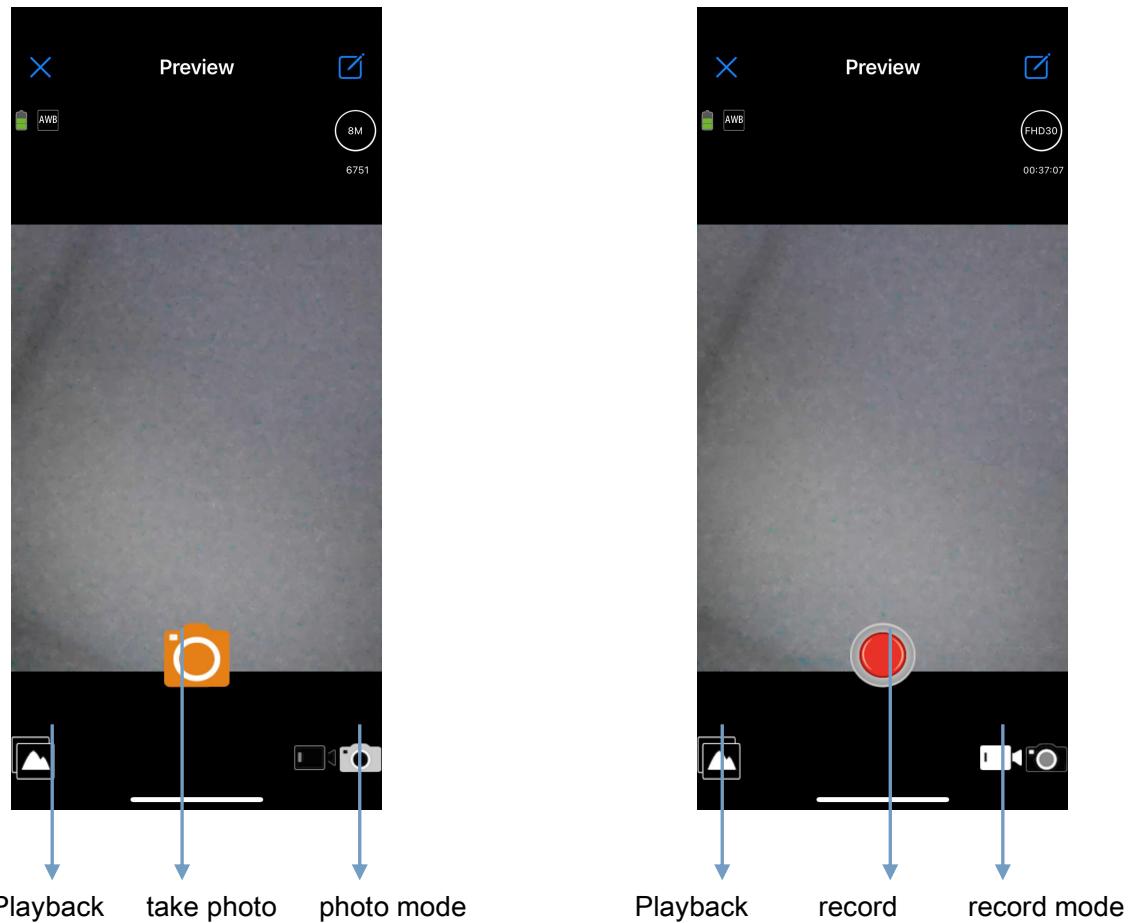
Click the ICON  of your phone and will see the below picture.



Please click "Add New Camera"



Please click Wi-Fi connect



Note: All photos and videos are stored in the TF card of the DVC-45 device. You can save them to your phone.

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.

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

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 a 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction