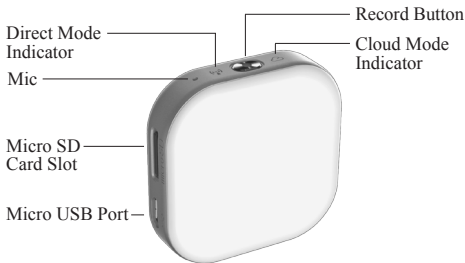
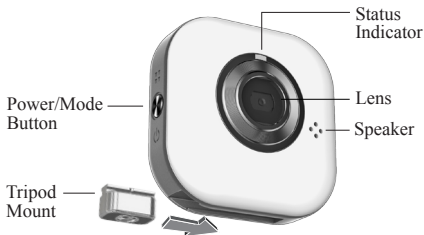


# Wireless Camcorder

## User Manual



# Names of Parts



# Getting Started

## Charging the Unit

- Before initial use, fully charge the camera via power adapter or USB to computer system.
- During charging, the status indicator flashes in red. When the camera is fully charged, the indicator turns off.

## Modes Navigation

- Press Power/Mode button for 2 seconds then release it to turn ON or OFF the camera.
- Tap Power/Mode button 1 time to switch between Direct Mode and Cloud Mode.

Power/Mode Function	Pressing Duration
Turn ON or OFF	2 secs.
Forced Default Settings	5 secs. (Power/Mode + Record button)
Forced Shutdown	Approx. 12 secs.

## Video Mode

Insert micro SD card (sold separately).

- Press Record button to shoot and press again to stop.

## Wireless Modes

Before using wireless modes, install below applications:

- Mobile app: Download [Unieye] from Google Play or Apple Store.
- PC software: Install [PC APP] from camera (Windows)(page 6).

### Direct Mode

Connecting camera to mobile or PC directly for remote controlling, live viewing, album managing, and camera setup.

### Cloud Mode

Connecting camera to cloud server via access point (AP) or mobile hotspot for internet video or live monitoring.

# Direct Mode (Local)


For initial use, install [Unieye] app on mobile. Each camera has a unique Camera ID. ( U2-xxxxxxx)




Password is not required for the initial use, however, it is advised to go to [Setup] in app to setup password after connected.

## Connect to Camera

### For iOS user:

- Set camera to Direct Mode (.
- On mobile, go to [Settings] → [WiFi] → Choose a camera. The 3G connection will switch to WiFi within 1 min.
- Run [Unieye].
- Press camera bar to start.

### For Android user:









- Set camera to Direct Mode () and wait until indicator turns steady green.
- On mobile, activate WiFi.
- Run [Unieye].
- Press camera bar to start.

iOS:



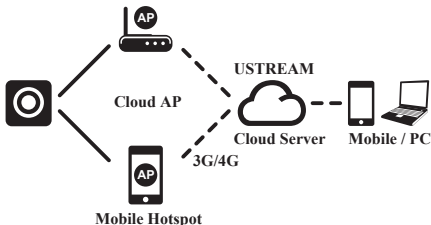
Android:



 <b>Zoom In</b>	 <b>Zoom out</b>	 <b>Take Photo</b> (SD card required)	 <b>Shoot Video</b> (SD card required)
 <b>Invert Image</b>	 <b>Loop Recording</b> • Record and archive in 3 min interval		
 <b>Two Way Voice</b> • Tap to talk to the camera from mobile; tap again to allow the camera to talk back to mobile.	 <b>Quad View</b> • Tap to enable Quad View (up to 4 cameras). • Tap a live view window to return to single view.		

Note: 1. Move the camera further away from mobile when echo occurs.  
2. Mobiles with low CPU clock speed may not have audio during streaming.

## Cloud Mode (Internet)



### Recommended Cloud Server for Access:

USTREAM A live broadcasting social media.

Before using Cloud Mode, setting up cloud AP and cloud server on camera are required.


### Step 1: Setup Cloud AP in Direct Mode

On mobile, go to app [Setup] → [Cloud Settings] → [Cloud AP]. Select a WiFi network from [AP list]; enter network password when prompted.

If no preferred AP is found, press [Other...] from [AP list] → Enter network name and password.

Note: Mobile hotspot can be set as cloud AP.


### Step 2: Setup Cloud Server in Direct Mode

- New user, press  New then enter email/username/password/confirm for auto-registration. Returning user, enter username/password only.
- Press [Save to Camera].


## Cloud Mode (Internet)

### Step 3: Connect Camera to Cloud Server

Options to connect to cloud server:

1. On mobile, press [Camera to Cloud] in [Setup] page.
2. On camera, set to Cloud Mode .

While connecting, the status indicator flashes rapidly in orange. Once connected, the status indicator flashes in green. If connection fails, the status indicator flashes in red and alerts in different beeping frequencies.

Alert	Cause/Solution
One time	Cannot connect to cloud AP or invalid network password. Camera not inside WiFi area or weak signal. Check AP settings or move camera closer to cloud AP.
Two times	No internet or the cloud server is not accessible. Cannot log in cloud server via internet. Cloud service may be blocked by firewall.
Three times	Cloud server username or password is incorrect. Refer to  in [Setup] for instructions. Username already taken. Create new account in [Unieye].

Or go into [Unieye] to view the error message.

### Step 4: View Live Videos on Cloud Server

Options to view live videos:

1. Use mobile app: USTREAM is available in Google Play or Apple Store.
2. Visit website: <http://www.ustream.tv>

Then search for username and select "username's show" to watch live video through camera.

Note: 1. Cloud service may change depending on their policy.

2. In some areas, mobile may not activate hotspot where there is no 3G/4G.
3. Experiencing delays while viewing live video may be due to high internet traffic.

# PC Applications

To use [Unieye] features on PC, install [PC APP] first. The [PC APP] has similar features and interface to [Unieye] for easy user experience.

## Installing [PC APP] from Camera

- Connect the camera to PC via a USB cable.
- [PC APP] AutoRun/AutoPlay activates.
- If AutoRun/AutoPlay is not starting:  
Go to [My computer] and search [PC APP] for installation.
- Once installed, unplug the camera from PC then run [PC APP].

## [PC APP] Features

- Press [View HD] or double-click the viewing window to maximize it into full screen. Double-click again to return to the [PC APP] interface.
- To save videos or photos to PC:  
Go to [Album] → Select videos or photos → Press [Save to PC].



## Mass Storage and Webcam Modes

While the camera is plugged into PC, tap the Power/Mode button one time to switch between Mass Storage Mode (default) and Webcam Mode. The status indicator shows steady red in Mass Storage Mode and steady green in Webcam Mode (In Skype or QQ, select "UVC\_WEBCAM").

# Camera Indication

Condition	Status Indicator	Alert
Recording	Flashing green	One time
Loop Recording	Flashing orange	One time
Charging	Flashing red	None
Fully Charged	No indication	Two times
Low Battery	Flashing red every 5 secs. (Warning)	Five times (Shutdown)
Power Off	No indication	Two times
Auto Power Off (5 mins idle)	Flashing red	Two times
Memory Full SD Card Error	Flashing red	Three times

Camera Hotkey	
Forced Shutdown	Press and hold Power/Mode button for approx. 12 secs. to turn off camera.
Forced Default Settings	Press and hold both Power/Mode and Record buttons for 5 secs. to restore default settings.
Car Camcorder	Press and hold Record button for 3 secs. to start loop recording and invert image.



# Troubleshooting

Situation	Cause/Solution
Camera cannot turn on	Battery power is low. Recharge the battery.
Camera is frozen	Press Power/Mode button for 5 secs. to turn off; press the button twice to turn on.
Camera cannot record	No SD card or SD card is full. SD card cannot be recognized. Format SD card in [Unieye] or replace SD card.
Camera not found	Turn on camera, switch to Direct Mode. Press "Refresh" on mobile or PC to scan again.
Cannot watch live view	Move camera closer to mobile.
Flickering segments on live view	TV system setting (50Hz/60Hz) is incorrect.

## FCC Regulations:

### 15.19(a)(3):

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.

### 15.105(b):

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

### 15.21

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

# FCC & SAR

## **RF Exposure Information (SAR)**

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit adopted by the FCC is 1.6W/kg for an uncontrolled environment. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.