Names of Parts

GPS Receiver Slot

Lens

Micro HDMI Port

Speaker

Tripod Mount

Mic

Status Indicator

Micro USB Port

LCD Panel
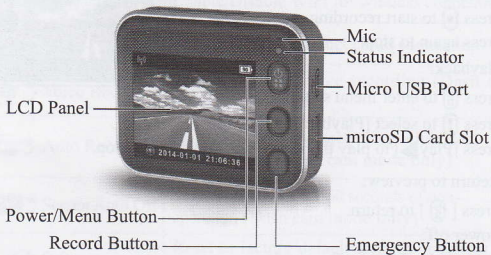
microSD Card Slot

Power/Menu Button

Record Button

Emergency Button

Getting Started

Inserting a microSD Card

Before initial use, insert a microSD card.
(suggested at least 4GB, up to 64GB)

microSD card

Charging the Unit

Fully charge camcorder for initial use by:
• Car charger
• PC USB port
• USB adapter (not included)

During charging, screen shows battery icon or status indicator flashes in orange. When camcorder is fully charged, the indicator turns off.

Shooting a Video

1. Power on:
   Press 🔘 to turn on camcorder.
2. Record:
   Press ⦿ to start recording.
   Press again to stop.
3. Playback:
   Press 🔘 to enter menu settings.
   Press ⓘ to select [Playback ▶].
   Press [Play ▶] to play the video and press [■] to stop.
4. Return to preview:
   Press [🔘] to return.
5. Power off:
   Press and hold 🔘 for 2 seconds.

Camcorder Operation

In preview, press 🔘 to enter menu settings.
Button functions indicated by 🔘 ⦿ ⓘ. Use ⦿ ⓘ
to navigate menu settings and 🔘 to back to preview .

Menu Settings

Camcorder has eight menu settings. Advanced settings can be set up via mobile APP.

Menu Settings	Descriptions
▶ Playback	Play recorded videos
📷 Action Cam ⊕ Dash Cam	Switch between Action Cam and Dash Cam
((•)) WiFi - Local	Enable/Disable WiFi for wireless connection
☁ WiFi - Cloud	Enable/Disable internet cloud connection
🎤 Voice Record	Enable/Disable voice recording (Dash cam mode only)
Auto REC Auto Record	Enable/Disable auto recording when car engine starts (Dash cam mode only)
60 SEC OFF Screen Auto Off	Screen turns off after 60 seconds of non-operation (Dash cam mode only)
⚙ Settings	Reset to factory default settings or format SD card.

Note: After 10 seconds of non-operation in menu settings, screen
returns to preview.

Record Modes

Camcorder has two recording modes for different applications:

🔴 **Action Cam:** Shoot normal videos.

◉ **Dash Cam:** Shoot loop and emergency videos.

Comparison between modes:

Mode	Action Cam	Dash Cam	
		Loop	Emergency
Record type	Normal	Loop	Emergency
Record trigger	Press ◉ in preview		• Car impact • Press ⏺ during loop recording
Record duration	Unlimited	Three min. sections	One min. section (30 seconds before and after the event)
Display info.	**00:06:36** SD card remaining time	**2014/01/01 21:06:36** Current date & time	

Note:
1. During loop recording, oldest files are overwritten if microSD card is full.
2. During loop recording, press 🔇 to enable/disable mute fuction.

Transfer Files to PC:

1. Connect camcorder to PC via Micro USB cable.
2. Find video at "My computer\Removable Disk\".
3. Copy, move, delete, and playback videos on PC.

View Camcorder Screen on TV:

1. Connect camcorder to TV via Micro HDMI cable (not included).
2. Turn on camcorder.
3. Camcorder screen displays on TV simultaneously.

Wireless & APP Operation

Before inital using wirless connections, download and install APP [Unieye Drive] from Google Play Store and Apple Store.
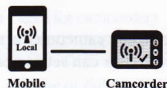
[Unieye Drive] has two functions:
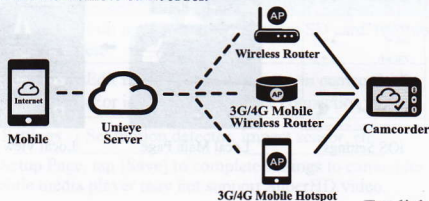(1) Local - Direct control (2) Internet - Internet live view

Unieye Drive

(1) 📶 **【Local】**

Mobile connects to camcorder directly via WiFi for remote control, live view, album management and camcorder setup.

Mobile   **Camcorder**

(2) ☁️ **【Internet】**

Mobile connects to cloud server to view live videos uploaded from internet remote camcorder.

Mobile   **Unieye Server**   **Wireless Router**   **3G/4G Mobile Wireless Router**   **Camcorder**   **3G/4G Mobile Hotspot**
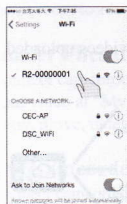
📶 【Local】 Function

Before using mobile APP's 【Local】 function, ensure camcorder WiFi is on and camcorder Cloud setting is off. Once WiFi is ready, preview shows camcorder name (R2-xxxxxxxx) for few seconds.

Mobile Connects to Camcorder

1. For Android: Turn on [Wi-Fi].
   For iOS: Go to [Settings] → [Wi-Fi].
              Turn on [Wi-Fi] and select the camcorder name.
2. Run [Unieye Drive].
3. Tap 【Local】 and select the camcorder to enter 【Local】 View Page. Tap [↻] to scan again if camcorder is not found.

Note:
- Mobile cannot connect to camcorder while camcorder is recording.
- For first use, password is not required. User can set camcorder password in Setup Page.

iOS Settings   Local Main Page   Local View Page

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4. 【Local】 function has three function pages: View, Album and Setup.

📷 View Page

Items	Descriptions
●	Shoot videos and files are saved into camcorder microSD card
📷 📷	Shoot videos or Take photos and files are saved into mobile "Album\Unieye Drive\"
▦	For multiple camcorders user : • Enable Quad-View for multiple live view on mobile • In Quad-View, select a window for single view.
🖼	Upside down image
📱-📷	Talk to camcorder from mobile

📷 Album Page (for camcorder)

Folders	Descriptions
📷	View or delete video files recorded in action cam mode
🌐	View or delete video files recorded in dash cam mode

⚙ Setup Page (for camcorder)

| Groups	Descriptions
Camcorder Settings	Edit name, password, format SD card, resolution etc.
Internet Settings	Edit Email and AP and save in camcorder. (For internet cloud server connection)
Car DVR Settings	Set motion detector, impact sensor, etc.

Note: 1. In Setup Page, tap [Save] to complete settings to camcorder.
      2. Mobile media player may not support SuperHD video.

Camcorder SD Card Setup

When SD card is first-time use or reformatted in camcorder, user should allocate memory for Portable Mode and Car Mode.

Go to [Setup] → [Camcorder Settings]
→ Adjust slide bar and press [Format] button to complete SD card setup.
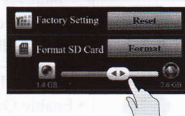
Camcorder Internet Setup

Before using internet cloud service, Email and AP must be properly set up.

1. Go to [Setup] → [Internet Settings]
   → Edit Email and AP

2. Tap [Save] to complete Email & AP settings.

Note: AP(Access Point) can be
  • Wireless Router or
  • 3G/4G Mobile Wireless Router or
  • 3G/4G Mobile Hotspot

Wireless Router

3G/4G Mobile Wireless Router

3G/4G Mobile Hotspot

Motion Detector Setup

When car's engine stops and motion is detected, camcorder will automatically records videos till no motion is detected.

1. Go to APP → [Setup] → [Car DVR Settings]
   → Turn on [Motion Detector] → Tap [Save].
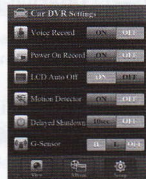
2. Press [Home] to disconnect from Camcorder.

3. Change Camcorder to dash cam mode,
   ✖ will show on screen.

4. When car engine stops
   → [Motion Detector?] will pop up
   → Pess V to manually activate [Motion Detector] , otherwise [Motion Detector] will automatically activate after 10 seconds
   → Choose X to cancel [Motion Detector] for this time

G-Sensor Setup

When camcorder is recording and any impacts happen, camcorder automatically records emergency events if G-Sensor is set.

Go to APP → [Setup] → [Car DVR Settings]
→ Select [G-Sensor], [H]/[L] → Tap [Save].

Note : [H] High sensitivity. [L] Low sensitivity.

📷 [Internet] Function

Before using APP's [Internet] function, ensure camcorder internet setup has been completed.

Camcorder Connects to Cloud Server

Enable [Cloud ☁] in camcorder to upload video streaming to cloud server. Connecting status will be shown on screen.

Status	Descriptions
◎ ✓ ▬ ✓ ☁	Connection successful. Preview shows [☁] and camcorder ID.
◎ ✗ ▬ ☁	Login fail: • Invalid AP name or password • Weak WiFi signal or not in WiFi coverage
◎ ✓ ▬ ✗ ☁	Connection fail: • No internet or cloud server is not accessible • Blocked by some firewall

Remote Internet Live View

1. Connect mobile to internet (via WiFi, 3G/4G).
2. Run [Unieye Drive] and tap [Internet].
3. For adding camcorder or using another mobile, tap [➕] → Enter the camcorder ID and password.
4. Tap camcorder ID/name to view internet live videos.

[Internet] Main Page

Troubleshooting

Situation	Cause/Solution
Camcorder cannot turn on	Power is low. Recharge battery
Camcorder is frozen	Press and hold 🔘 button for 5 seconds to force shutdown; press again to turn on
Camcorder cannot record	• No microSD card or microSD card is full • microSD card cannot be recognized • Format microSD card or replace microSD card
Camcorder cannot connect to AP or could server	• Invalid AP name or password • Weak WiFi signal or not in WiFi coverage • No internet or cloud server is not accessible • Blocked by some firewall
Mobile cannot find camcorder [Local]	• Camcorder WiFi is disabled or not in WiFi coverage • Mobile WiFi is disabled • iOS user does not choose camcorder name in Wi-Fi Settings • Tap [Refresh] button on [Unieye Drive]
Mobile cannot watch live view [Local]	• Weak WiFi signal • Camcorder is recording • Camcorder is occupied by other mobile
Mobile cannot connect to cloud server [Internet]	Check mobile 3G/4G or WiFi internet connection
Mobile cannot watch live view [Internet]	The internet bandwidth is insufficient for camcorder upload or mobile download
Forget camcorder password	Enter camcorder menu settings and select [Settings] → [Factory Reset] to reset