



## Instruction Manual



*Enjoy it.*

WiFi Car DVR

# Names of Parts



# Accessories



Tripod Mount



Strap Mount



Strap



USB Cable



Car Charger



Car Mount



User Manual

# Getting Started

## Inserting a microSD Card

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

Note: When using a new microSD card,  
format the card by your camcorder.



## 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  and then  to stop.

3. Playback:

Press  to enter menu settings.

Select [Playback ].

Press [Play ] to play the video and press [Stop] to stop.

4. Return to preview:

Switch to [] to return.

5. Power off:

Press and hold  for 2 seconds.



# Camcorder Operation

In preview, press  to enter menu settings.










Button functions indicated above 

. Use   to navigate menu settings.



## 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 only)
 Auto Record	Enable/Disable auto recording when car engine starts (Dash Cam only)
 Screen Auto Off	Screen turns off after 60 seconds of non-operation (Dash Cam 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	
Record type	Normal	Loop	Emergency
Record trigger	Press  in preview		<ul style="list-style-type: none"><li>• Car impact</li><li>• Press  during loop recording</li></ul>
Record duration	Unlimited	Three min. sections	One min. section (30 seconds before and after the event)
Display info.	<b>00:06:36</b> SD card remaining time	<b>2014/01/01 21:06:36</b> 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 function.

## 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 initial using wireless connections, download and install APP  
【Blaupunkt Mobile DVR Control】 from Google Play Store and Apple Store.

【Blaupunkt Mobile DVR Control】 has two functions:  
(1) Local - Direct control (2) Internet - Internet live view



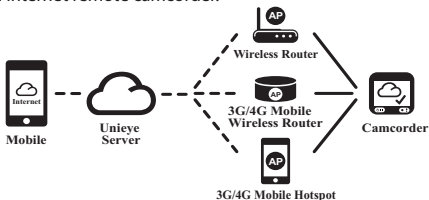
## (1) 【Local】

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



## (2) 【Internet】

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





## 【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-xxxxxxx) 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 【Blaupunkt Mobile DVR Control】.

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





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\Blaupunkt Mobile DVR Control\"
	
	For multiple camcorders user : <ul style="list-style-type: none"> <li>• Enable Quad-View for multiple live view on mobile</li> <li>• In Quad-View, select a window for single view.</li> </ul>
	Upside down image
	Talk to camcorder from mobile

#### Album Page (for camcorder)

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

#### Setup Page (for camcorder)

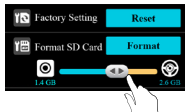
Groups	Descriptions
Camcorder Settings	Edit name, password. Format SD card. Adjust recording resolution, etc.
Internet Settings	Edit Email and AP and save in camcorder. (For internet cloud server connection)
Car DVR Settings	Set motion detector, impact sensor, etc.

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 Action Cam and Dash Cam.

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 automatically records videos till no motion is detected.

1. Set Camcorder to dash cam mode.
2. Go to APP → [Setup] → [ Car DVR Settings]  
→ Turn on [Motion Detector] → Tap [Save].
3. Camcorder shows  on screen.
4. When car's engine stops, operate camcorder to active [ Motion Detector].



## 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.

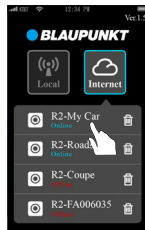
### Camcorder Connects to Cloud Server

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

Status	Descriptions
	Connection successful. Preview shows [cloud icon] and camcorder ID.
	Login fail: <ul style="list-style-type: none"><li>• Invalid AP name or password</li><li>• Weak WiFi signal or not in WiFi coverage</li></ul>
	Connection fail: <ul style="list-style-type: none"><li>• No internet or cloud server is not accessible</li><li>• Blocked by some firewall</li></ul>


### Remote Internet Live View

1. Connect mobile to internet (via WiFi, 3G/4G).
2. Run 【Blaupunkt Mobile DVR Control】 and tap 【Internet】.
3. For adding camcorder or using another mobile, tap [cloud icon] → 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	<ul style="list-style-type: none"> <li>• No microSD card or microSD card is full</li> <li>• microSD card cannot be recognized</li> <li>• Format microSD card or replace microSD card</li> </ul>
Camcorder cannot connect to AP or could server	<ul style="list-style-type: none"> <li>• Invalid AP name or password</li> <li>• Weak WiFi signal or not in WiFi coverage</li> <li>• No internet or cloud server is not accessible</li> <li>• Blocked by some firewall</li> </ul>
Mobile cannot find camcorder 【Local】	<ul style="list-style-type: none"> <li>• Camcorder WiFi is disabled or not in WiFi coverage</li> <li>• Mobile WiFi is disabled</li> <li>• iOS user does not choose camcorder name in Wi-Fi Settings</li> <li>• Tap [Refresh] button on [Blaupunkt Mobile DVR Control]</li> </ul>
Mobile cannot watch live view 【Local】	<ul style="list-style-type: none"> <li>• Weak WiFi signal</li> <li>• Camcorder is recording</li> <li>• Camcorder is occupied by other mobile</li> </ul>
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 set to default.

# GPS Receiver

## 1. Hardware operation

Insert GPS receiver into your device.



## 2. Install Software to Computer

1. Connect camcorder to PC via standard Micro USB cable.


Note: The USB cable in accessory kit is only for power supply in car. Please use other Micro USB cable for installation (ex. Android smart phone's usb cable).

2. Find Setup.exe in "My computer\Removable Disk\DCIM".

3. Double click Setup.exe to install/

## 3. Software operation

1. Take out the SD card from your device, and put it into the card reader of your computer.

2. Click "Unieye Map"  and run it on your computer.


3. An active Internet connection is required to use Google Maps View.

# Unieye Map Operation



## 1. Google Maps View

- The Start  and End  location of the video will be marked on the map.



- Press  to select your SD card.  
(Unieye Map only can read the video files in SD card )
- Press ◀▶■▶▶ to forward/play/stop/backward your video.
- Press ◀)) to adjust the volume of your video.

## 2. Speed Meter

- Show the speed information from the records of the video.
- Press  KPH to switch the scales of meter in Kilometer per hour.
- Press  MPH to switch the scales of meter in Mile per hour.



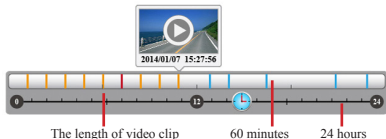
## 3. Compass

- Show the moving direction from the records of the video.





## 4. Calendar

- Press ▶ : move to next month.
- Press ◀ : move to previous month.
- Press the date in the calendar, the taken videos show dates information in the 24 hours meter.
- Click on color lines to view the video.





## 5. PIP Mode

- In Windows mode, press  to change view to Full Screen mode.
- The default view of Full Screen mode : video in parent window, map in child window.
- In Full Screen mode, press  to switch view back to Windows mode.



## 6. PIP Switch

- Press  to switch map in parent window, video in child window.
- Press  again to switch back.



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