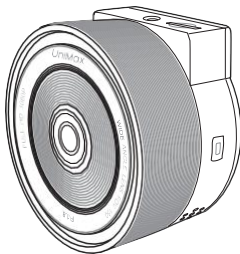


Dash Cam S1



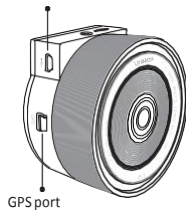
Quick Start Guide

NOTE:

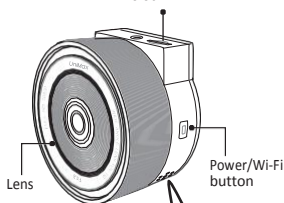
- The screenshots in this Quick Start Guide are for reference only.
-

Hardware

MicroUSB port

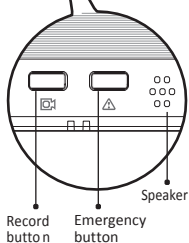
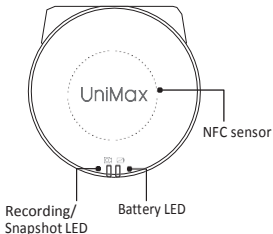


MicroSD card slot



Lens

Power/Wi-Fi button



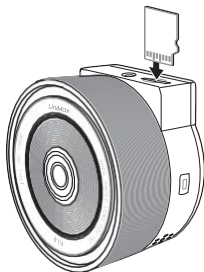
Installing / removing the microSD card

To install the microSD card:

1. Insert the microSD card into the card slot with its gold-plated contacts facing towards the front of your Dash Cam S1.
2. Push the microSD card into the slot until it clicks in place.

To remove the microSD card:

Press the microSD card to eject, then pull it out.



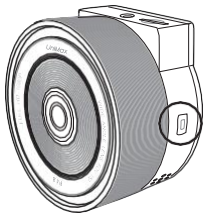
IMPORTANT!

- For first time use of your Dash Cam S1 and to ensure the best video saving quality, format a Class 10 microSD card to FAT32.
- Do not remove the microSD card during recording. Doing so may damage your Dash Cam S1.



Turning your Dash Cam S1 on/oV

- To manually turn your Dash Cam S1 on, press the Power/Wi-Fi button and the Wi-Fi function gets activated automatically when your Dash Cam S1 turns on.
- To manually turn your Dash Cam S1 oV, press the Power/Wi-Fi button for about three (3) seconds, then release it when you hear a beeping sound.



IMPORTANT!

- The Wi-Fi function gets activated in about 40 seconds after turning your Dash Cam S1 on.
 - Before connecting your Dash Cam S1 and mobile device, ensure that the Wi-Fi LED is solid blue indicating that Wi-Fi is on.
-

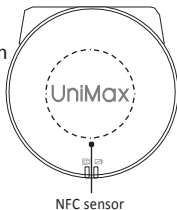
NOTES:

- When the Auto Record function is enabled, your Dash Cam S1 starts recording automatically in about five (5) seconds after turning it on.
 - For details on Auto Record and other functions, refer to the section **Settings**.
 - To save power, press the Power/Wi-Fi button to disable the Wi-Fi function.
 - In car mode, your Dash Cam S1 overwrites the oldest recorded files when your microSD card is full.
 - In portable mode, your Dash Cam S1 stops recording when your microSD card is full.
-

Installing UniMax Dash Cam app on your mobile device

Do any of these three methods to download and install UniMax Dash Cam

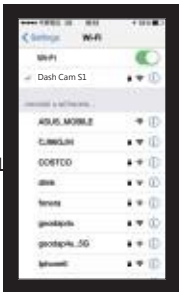
- Place your NFC-enabled Android mobile device on the NFC sensor of your DashCam S1 to download UniMax Dash Cam and install it on your mobile device.



- Download UniMax Dash Cam from App Store or Google Play Store and install it on your mobile device.

Connecting your mobile device

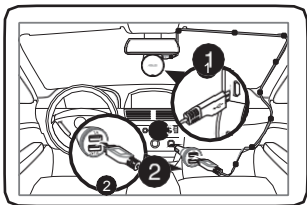
1. Turn on your Dash Cam S1. The Wi-Fi function starts in 40 seconds after turning it on.
2. Turn on the Wi-Fi function of your mobile device.
3. From the list of networks, tap **Dash Cam S1** (default SSID).
4. Enter the default password (**1234567890**) and tap **Join** (for iOS device) or **Connect** (Android device).



NOTE: You can change the network name (SSID) and password from the **Settings** screen of your mobile device.

Connecting your Dash Cam S1

1. Connect your USB cable to the micro USB port of your Dash Cam S1.
2. Plug the other end of your USB cable to the dual USB car charger 1A port.
3. Place the power cord along the windshield ceiling and front pillar of your vehicle, then secure it in place with the self-adhesive clips.



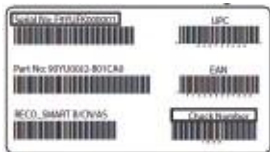
NOTES:

- Your Dash Cam S1 comes with a dual car charger with 1A and 2.1A output, which makes it easier to power on and charge other electronic devices at the same time.
 - Disconnect your car charger when the engine is oV.
 - Use only the power adapter that came with your Dash Cam S1. Using a diVerent car charger may damage your Dash Cam.
-

Registering for your free 500GB ASUS WebStorage

Register your Dash Cam S1 on ASUS WebStorage to get a free 500GB cloud storage for a year.

1. Locate the Serial number and Check number on the packaging box of your Dash Cam S1.



2. Go to <http://asuswebstorage.com/navigate/car>.
3. Enter the **Serial number** and **Check number**, then click **Next**.
4. Follow the succeeding instructions to complete the registration.

The screenshot shows the 'Sign up' page for ASUS WebStorage. At the top, it says 'Sign up'. Below that is a yellow banner with the text 'Please enter the following information to get 500GB storage for 1 year'. There are two input fields: 'Serial number:' and 'Check number:'. Below these fields is a blue link that says 'How to find the serial number and check number on my ASUS car video recorder?'. At the bottom is a blue button labeled 'Next'.

Using UniMax Dash Cam


UniMax Dash Cam is an app that lets you to enjoy live streaming, play videos, or download media files for sharing to your mobile device.




Live streaming

1. From your mobile device, launch **UniMax Dash Cam**.
2. Tap the **Preview** tab for live streaming.

Using One Shot



1. From your mobile device, launch **UniMax Dash Cam**.
2. Tap the **Preview** tab, then tap **One Shot**.
3. Tap  to capture the photo.
4. Tap the **Playback** tab check the photos.

Capturing continuous photos

1. From your mobile device, launch **UniMax Dash Cam**.
2. Tap the **Preview** tab, then tap **Photo Burst**.
3. Tap  to continuously capture photos.
4. Tap the **Playback** tab check the photos.



NOTE: You can change the photo burst frequency in the **Settings** tab.

Capturing time-lapse photos

1. From your mobile device, launch **UniMax Das.h Cam**.
2. Tap the **Preview** tab, then tap **Time Lapse**.
3. Tap  to capture photos. Tap  to stop time-lapse.
4. Tap the **Playback** tab check the photos.

NOTE: You can change the time lapse frequency in the **Settings** tab.



Recording videos

1. From your mobile device, launch **UniMax Das.h Cam**.
2. Tap the **Preview** tab, then tap **Record Video**. Tap  to start recording. Tap  to stop recording.


Playing videos or viewing photos

1. From your mobile device, launch **UniMax Dash Cam**.
2. Tap the **Playback** tab, then tap **Video** or **Photo**. You can get the file list from the Dash Cam S1 microSD card.
3. Select the video or photo that you want to play or view.
4. Tap the screen to pause the video playback. Tap the screen again to resume the video playback.

Sharing files to social media

1. From your mobile device, launch **UniMax Dash Cam**.
2. Tap the **Playback** tab, then tap **Video** or **Photo**.
3. Select the video or photo that you want to share.
4. Tap  to download the file to your mobile device.
5. Tap **Low Resolution** (Quick) or **High Resolution**. Tap **Cancel** to go back to your playlist.
6. Tap the **Mobile** tab, then tap  to share your files to social media.

Deleting files

1. From your mobile device, launch **UniMax Dash Cam**.
2. Tap the **Playback** tab, then tap **Video** or **Photo**.
3. Tap  on the file you want to delete.
4. Tap Delete on the confirmation message.

Installing the Media Player

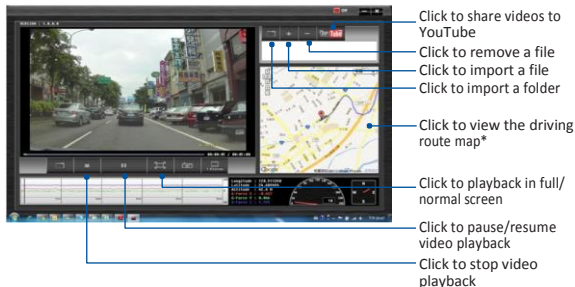
1. For first-time use of your car camcorder, format a micro SD card on it from **Settings > Format > Confirm**.
2. Remove the formatted micro SD card from your car camcorder.
3. Insert the formatted micro SD card into a card reader, then connect the card reader to your computer.
4. Click the **Removable Disk** icon on your computer, then double-click the Media Player's installation file (**installation.exe**).
5. Follow the onscreen instructions to complete the installation.

NOTE: For normal video playback, ensure that **K-Lite Codec** (.mov codec) is installed on your computer.

5. Follow the onscreen instructions to complete the installation.

NOTE: For normal video playback, ensure that **K-Lite Codec** (.mov codec) is installed on your computer.

Reviewing the GPS log




NOTE: * Ensure that your computer is connected to the Internet to be able to review the driving route on the map.

1. Using a USB cable, connect your car camcorder to your computer.
2. On your computer, launch the Media Player.
3. Click the removable disk icon to access your files from your car camcorder.
4. On the Media Player, click the corresponding icon to import a folder/file, and remove a file from your playlist.





Settings

FUNCTION	DESCRIPTION
Video Resolution	<p>Sets the video resolution. Available options: 1920x1080@30f ; 1280x720@30f</p> <p>NOTE: Default resolution for One Photo, Time Lapse, and Photo Burst is 1920x1080.</p>
Ultra Wide Angle Mode	<ul style="list-style-type: none"> • When enabled, this function can record videos at 150 degrees. • When disabled, this function can record videos without distortion.
Photo Burst Frequency	<p>Specifies the number of continuous shots per second. Available options: 5p/1s ; 10p/1s ; 30p/1s</p>
Time Lapse Frequency	<p>Selects the interval options when capturing photos using Lapse mode. Available options: 1p/5s ; 1p/30s ; 1p/m</p>
Emergency Contacts	<p>Sends an emergency message* to your emergency contact listed. NOTE: *Your mobile device will be charged for this message.</p>


(continued on the next page)

FUNCTION	DESCRIPTION
Text Message	Lets you edit the emergency message.
Auto Backup	<p>Activates the Auto Backup function. The recorded emergency file is downloaded to your mobile device and uploaded to the cloud automatically.</p> <p>NOTES:</p> <ul style="list-style-type: none"> • Ensure that your mobile phone is connected to 3G, 4G, or Wi-Fi network. • On an Android mobile device, the recorded emergency file is downloaded to the device first, then uploaded to the cloud once connected to the Internet. • You must be signed in to ASUS WebStorage. The Serial number and Check number are on the packaging box of your Dash Cam S1. For details, refer to the section Registering for your free 500GB ASUS WebStorage. 

(continued on the next page)

FUNCTION	DESCRIPTION
Wi-Fi Setting	Allows you to configure the network name (SSID) and password settings. Default SSID: Dash Cam S1 Default Password: 1234567890
Mode	 Car mode: Loop recording, emergency recording, and monitor mode functions are available.
	 Portable mode: Time lapse, One photo, Photo burst functions are available. In this mode, your Dash Cam S1 stops recording when your microSD card is full.
Image Rotate	Auto: The image direction will be adjusted automatically by G-sensor.
	Normal: The image direction is fixed at 0 degree.(mount is at upside) 
	Reverse: The image direction is fixed at 180 degrees. (mount is at downside) 

(continued on the next page)

FUNCTION	DESCRIPTION
Auto Record	Automatically starts recording when you start your vehicle. NOTE: Only works in Car mode 
Voice Record	Turns the microphone on/off.
G-Sensor Sensitivity	Sensitivity High/Mid/Low/OV: This function allows you to set the collision intensity level that triggers an emergency recording. Once the specified intensity level is reached, your Dash Cam S1 automatically records the emergency event. You can save up to ten (10) emergency recording files that normal recording cannot overwrite.
Date Stamp	Select ON to include a date and time on a video stream. Available options: ON / OFF
Volume	Adjusts the volume level
Monitor Mode	When this function is enabled and the scene does not change in 60 seconds, your Dash Cam S1 stops recording and enters the standby mode. Once any movement is detected, your Dash Cam S1 automatically starts recording.

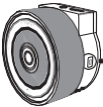


(continued on the next page)

FUNCTION	DESCRIPTION
EV	Adjusts the exposure level
Format SD card	Select OK to format the memory card installed on the device. CAUTION! Before formatting the SD card, ensure that you have backed up your files from your SD card.
Battery Status	Shows battery status
Factory Default	Select OK to reset all settings to factory default settings.
Version Information	Shows the firmware version.


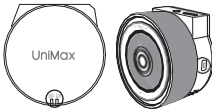
Button functions

STATUS	ACTION
Power on	Press the Power/Wi-Fi button and the Wi-Fi function is activated automatically.
Power off	Press and hold the Power/Wi-Fi button for three (3) seconds until you hear a beeping sound.
Turn Wi-Fi on/off	When power is on, press the Power/Wi-Fi button to turn Wi-Fi on/off.
Start/stop recording	Press the Record button.
Start emergency recording	When the G-Sensor is activated or the Emergency button is pressed during an emergency, the event is recorded immediately and the system automatically saves the event data. You can save up to ten (10) emergency recording files that normal recording cannot overwrite.
Reset to default	Simultaneously press the Power/Wi-Fi and Emergency buttons for five (5) seconds.
Force shutdown	If the Power off function fails, press and hold the Power/Wi-Fi button for ten (10) seconds.

LED indicators

STATUS	ACTION	
 <p>Power/Wi-Fi button</p>	Solid white	Power on. Wi-Fi is still oV.
	Solid blue	Power on and Wi-Fi is available. NOTE: The Wi-Fi function starts in about 40 seconds after turning it on.
	LED OV	Power oV
 <p>Recording/ Snapshot LED</p>	Solid red	Recording videos
	Flashing red	Red LED flashes every time a photo is taken
	LED OV	Standby mode. No video or photo is being recorded or taken.
 <p>Battery LED</p>	Solid green	Battery is charging
	Flashing green	Flashing green three (3) times for five (5) seconds. Battery is less than 10%.
	Flashing green with a beeping sound	Out of battery power
	LED OV	Plugged to a power source: Battery is fully charged. Not plugged to a power source: Battery is more than 10%.

(continued on the next page)



STATUS	ACTION	
	Flashing green and red	Firmware Update NOTE: An alert sound notifies you when the firmware update is completed.
	Flashing green, red, white, and blue	MicroSD card is not installed. In portable mode. MicroSD card is full. Please save your files, or format the SD card.

Specifications summary

Image sensor	SONY COMS Sensor
Video resolution	1920x1080P (30fps) / 1280x720P (30fps)
Lens angle	Wide angle lens, FOV 150 degree (Diagonal)
Aperture	F/1.8
Battery	Built-in 720mAh Li-Polymer battery
App control	Android / iOS apps for streaming video and control device
Interface	Micro USB 2.0 (Power) / Mini USB (GPS)
Wireless connectivity	Wi-Fi 802.11b/g/n
NFC	Yes
GPS	External (optional)
G-Sensor	3 Axis
File format	MP4 (AVC/H.264)
Memory card support	8 GB ~ 32 GB Class 10 microSD card
Operating temperature	0°C ~ 60°C
Storage temperature	-20°C ~ 70°C
Cloud	ASUS WebStorage 500 GB space for one (1) year

Troubleshooting

Where can I download UniMax Dash Cam app?

- For Android mobile devices, you can download the app from Google Play Store .
- For iOS mobile devices, you can download the app from App Store .

How do I connect my Dash Cam S1 to my mobile device?

1. Turn on your Dash Cam S1. The Wi-Fi function starts in 40 seconds after turning it on.
2. Turn on the Wi-Fi function of your mobile device.
3. From the list of networks, tap **Dash Cam S1**(default SSID).
4. Enter the default password (**1234567890**) and tap **Join** (for iOS device) or **Connect** (Android device).

How will I know that Dash Cam S1 is recording even without seeing the screen?

The recording LED is solid red during recording.

How do I update the firmware on my Dash Cam S1?

1. Download the firmware and save the file in a microSD Card.
2. Install the microSD card with the latest firmware file into the microSD card slot of your Dash Cam S1.
3. Turn on your Dash Cam S1 and the update process runs automatically.
4. Wait until you hear a sound alert, indicating that the firmware update process is completed.

What are the Dash Cam S1 modes?

Upon launching the Unimax Dash Cam app, you will see either of these two icons at the top of the screen:



Car mode: Loop recording, emergency recording, and monitor mode functions are available.



Portable mode: Time lapse, One photo, Photo burst functions are available. In this mode, your Dash Cam S1 stops recording when your microSD card is full.

My Dash Cam S1 did not automatically start recording after I started my vehicle.

- Ensure that your Dash Cam S1 is set to **Car mode** and **Auto Record** function is enabled.
- Ensure that you are using the bundled charging cable.
- Check that the Power and Battery LEDs are lighting up. If the LEDs are lighting up but the auto-recording function is still not working, there might be some issues with your Dash Cam S1.

I cannot find a previously-recorded emergency video file.

Your Dash Cam S1 can save up to ten (10) emergency recording. When the maximum emergency recording limit is reached, the newly-saved recording overwrites the oldest recording.

What is the default mode of my Dash Cam S1?

The default mode is Car Mode.

What is the range of Monitor Mode?

The range is about ten (10) meters, and the focal length is fixed.

What is the Wi-Fi range?

The range is about ten (10) meters.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be providing with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

SAR Value: 0.596 W/kg

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.



Designed in Taiwan.
UniMax Electronics Inc. All Right Reserved.
No.18, Sec. 2, Zhongyang S. Rd.
Beitou Dist., Taipei City 11270, Taiwan
Tel +886 2 2897 0689

FCC ID 2AA22DR38AS

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.