

TERUNSOUL

True Dual 4K UHD
TOP Dash Cam
D016



Dual Channel Dash Cam
4K+4K



Dual Band WiFi
5.8G + 2.4GHz



GPS



512GB MAX



G-SENSOR



Night Vision

USER MANUAL

help@terunsoul.com

Watch Setup & Operation Videos

Get Started Quickly with Your Dash Cam

Website:<http://terunsoul.net>



- Wi-Fi Connection Guide
- Account Registration Guide
- Dash Cam Installation Guide
- Video Download & Sharing Guide
- GPS Player Operation Guide
- Time Setting Guide
- Log Submission Guide
- More tutorial videos are continuously updated. Scan the QR code to watch

Watch HOW TO MOUNT YOUR DASH CAM to learn & understand all the features so you can get the maximum benefit out of it.

Please Read Before Use

- Please install the dash cam properly. Do not obscure the view of the road ahead or obstruct the deployment of any airbags in the event of an accident.
- Avoid prolonged exposure to direct sunlight. Extended exposure to high temperatures can negatively affect the device's performance and lifespan.
- Use a U3/Class 10 memory card (8GB–512GB). Please format the memory card using the dash cam's built-in formatting function before first use.
- When the storage is full, the device will automatically overwrite the oldest videos through loop recording. Be sure to back up important footage promptly.
- Do not insert or remove the memory card while the device is operating, as this may cause data loss or damage.
- Use the included cloth or a soft, damp cloth to gently clean the lens. Avoid scratching the surface.
- The device may heat up slightly during normal operation (within the operating temperature range of -4°F ~ 158°F / -20°C ~ 70°C). Do not touch the device if it overheats significantly during operation to avoid burns.
- Do not disassemble or repair the device yourself. Contact customer service or a qualified technician for assistance.



The D016 is a dual-channel dash cam designed for daily driving and 24/7 parking surveillance. It supports continuous parking monitoring and offers a time-lapse recording mode. A dedicated hardwire kit (sold separately) is required for these functions.

- ◆ Dual 4K Ultra HD TS-format recording with real-time file protection to reduce the risk of data loss.
- ◆ 3-inch 2.5D full-lamination display delivers sharper and more vibrant image quality.
- ◆ Ethernet-based wired connection ensures high-speed data transfer and lag-free rear camera preview.
- ◆ Built-in 3-axis G-sensor automatically locks important footage during collisions or sudden impacts.
- ◆ When parked, collision detection powers on the device and starts recording upon sensing vibration.
(A dedicated hardwire kit must be purchased and installed to enable this feature.)
- ◆ Time-lapse mode provides compressed surveillance recording for 24/7 vehicle protection.
(A dedicated hardwire kit must be purchased and installed to enable this feature.)
- ◆ Built-in GPS records your driving route in real-time.
- ◆ Smartphone Wi-Fi connectivity allows easy access and sharing anytime, anywhere.
- ◆ Built-in Wi-Fi 6 dual-band wireless module (2.4 GHz / 5.8 GHz) for optimal balance of range and speed.



3-inch 2.5D full-lamination display



Front and Rear Dual 4K Ultra HD (3840×2160P)



170° front and 150° rear wide-angle cameras



L^oop and time-lapse recording modes



Supports 8GB–512GB memory card
(Class 10 / U3 and above)



USB Type-C Input/Output



Remote firmware upgrade via the TERUNSOUL app
(requires the dash cam to be connected to Wi-Fi)



Dual-band Wi-Fi 6: 2.4GHz for coverage, 5.8GHz for speed



Front lens F1.5 large aperture
Rear lens F1.8 ultra-large aperture



24-hour parking monitoring
(TERUNSOUL power cable sold separately)



Supports GPS & BeiDou Dual Positioning Systems



Built-in 3-axis sensor



DC 5V/3A



Operating Temperature: -4°F ~ 158°F (-20°C to 70°C)

PACKAGE CONTENTS

-4-



Main Unit x1
(128GB memory card
pre-installed in the device)



GPS Suction Mount x1



Car Charger x1



Rear Camera Cable x1



Rear Camera x1



Pry Tool x1, Cable
Clips x5



Gift Box x1



Lint-free Cloth x1



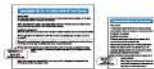
Quick Start Guides x3



User Manual x1



Warning Stickers x2



Electrostatic Films x2
(Front x1, Rear x1)



Alcohol Wipes x2



GPS Mount Adhesive
Pad x1, Rear Camera
Adhesive Pad x1



QA Card x1

Step 1: Quick Start Guide for Terunsoul Dash Cam

Please read before installing the device.

- Install only when the vehicle is fully parked.
- Do not mount the camera where it blocks the driver's view or airbag deployment.
- Use only Terunsoul's original car charger or official hardwire kit.
- Do not connect the dash cam directly to the car's 12V/24V battery.
- Stop using the device immediately if the cable or unit is damaged.
- Scan the QR code on the right to watch the installation video for clearer guidance.
- If you want to update the app, you'll need to do it through the App Store.

NOTE

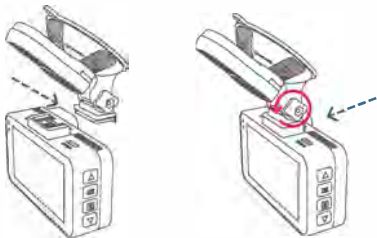
The Dash cam comes with default settings, so you can start using it right out of the box without changing anything. Be sure to format the memory card before first use. You can install the front/main Dash cam using either the suction mount or the double-sided adhesive pad. We recommend starting with the suction mount for testing. Once you find the ideal installation spot, we suggest switching to the double-sided adhesive pad.



Step 2: Suction Cup Installation

- Use the provided suction cup bracket for installation.
- Align the suction cup with the slot on the dashcam, insert and slide it in, then press firmly to secure the bracket.

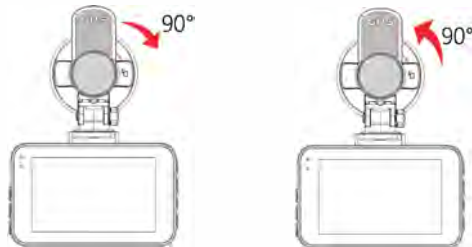
Note: Make sure the GPS mount is securely snapped in, or the device won't get GPS data and may fall off.



Step 3: Install the Dash Cam

- Clean the windshield with the included cloth.
- Slide the suction cup latch to unlock and press it onto the windshield. Flip the latch to lock to ensure it is securely fastened.

Note: Make sure the suction cup is attached to a flat glass surface, otherwise it may fall off.



GPS SUCTION CUP MOUNT INSTALLATION

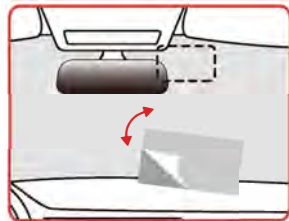
Step 3.1: Clean the Installation Area

Use the included alcohol wipe to clean the windshield area where you plan to install the dash cam. Make sure the surface is clean and free of dust. Allow it to dry completely before continuing.



Step 3.2: Apply the Electrostatic Sticker

Take out the front camera electrostatic sticker and remove the white protective film. Attach the sticker to the desired position and press firmly to ensure a smooth, bubble-free surface.



Step 3.3: Prepare the GPS Mount

Remove the GPS mount and peel off the protective film on its suction base.



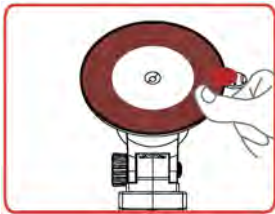
Step 3.4: Attach the Double-Sided Adhesive Pad

Remove the white protective film from the included round double-sided adhesive pad. Firmly stick it onto the suction base of the GPS mount and press to remove any trapped air.



Step 3.5: Secure the adhesive pad

Peel off the red protective film from the other side of the adhesive pad. Align the mount with the dashed outline on the electrostatic sticker and press firmly to fix it in place.



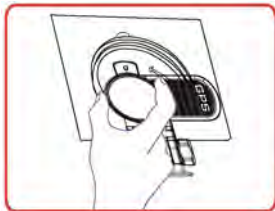
Step 3.6: Fix the Mount on the Electrostatic Sticker

Peel off the red protective film from the other side of the adhesive pad, continuing.



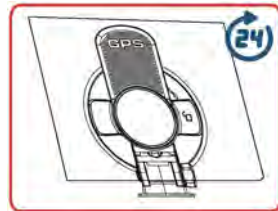
Step 3.7: Secure the Mount

Align the mount with the dashed outline on the electrostatic sticker and press firmly to fix it in place.



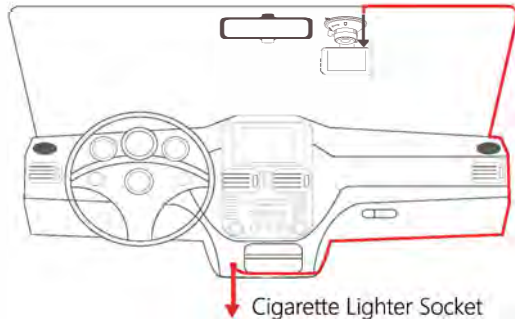
Step 3.8: Secure and Install the Dash Cam

Press firmly and let it set for 24 hours for best adhesion. After curing, install the dash cam and adjust to the optimal angle.



Step 4: Connect and Route the Power Cable

- Plug the car charger's Type-C connector into the camera's Type-C port, then insert the other end into the vehicle's cigarette lighter socket.
- Secure the car charger cable along the edge of the windshield for a cleaner look and to avoid obstruction.



Step 5: Adjust the Dash Cam Position

- Rotate the gear on the suction mount to adjust the dash cam angle for the best view.

Step 6: Start the Engine and Check the Dash Cam

- Start your vehicle to make sure the dash cam is properly installed and functioning.

NOTE

If installed correctly, the front blue light will blink when recording begins.

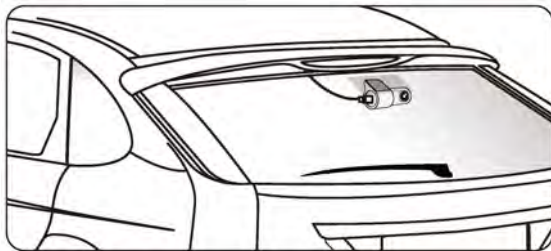
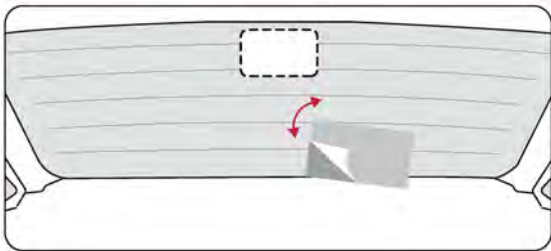
Step 7: Connect the Rear Camera

- Plug the rear camera's Type-C connector into the dash cam's WCAM port. Route the black cable through the back of the vehicle.

NOTE

Please use only the TERUNSOU USB car charger. Otherwise, the camera may frequently reboot, fail to power on, or display a flickering screen due to insufficient power.

- Peel off the electrostatic sticker from the rear camera and place it where you want to attach it. Mount the camera onto the sticker and press firmly to secure it.



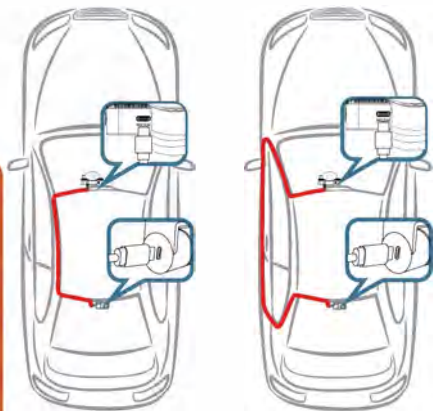
Step 8: Install the Rear Camera

- Mount the rear camera securely at the back of your vehicle.
- Be sure to tuck the cable inside the trim and use the included cable clips for extra support, allowing you to manage the cable as needed and avoid obstructing the driver's view.

NOTE

Some trucks or cars have 12V cigarette outlets that are always powered, which means they provide constant power even when the vehicle is turned off and locked. If this applies to your vehicle, the auto ON/OFF feature will not work. Leaving the camera recording while the car is off may drain the vehicle's battery, potentially preventing it from starting next time. To address this, you have two options:

- ① Use the TERUNSOUL Ultimate USB Type-C Hardwire Kit (sold separately) to hardwire your dash cam to the vehicle's fuse box.
- ② Change the connection in the fuse box for your 12V outlet so that it only provides power when the car key is in the ACC or ON position.
- ③ Do not install the rear camera near the brake lights. The strong red light from the brake lamps can cause glare, reflection, or overexposure in the video, especially at night.





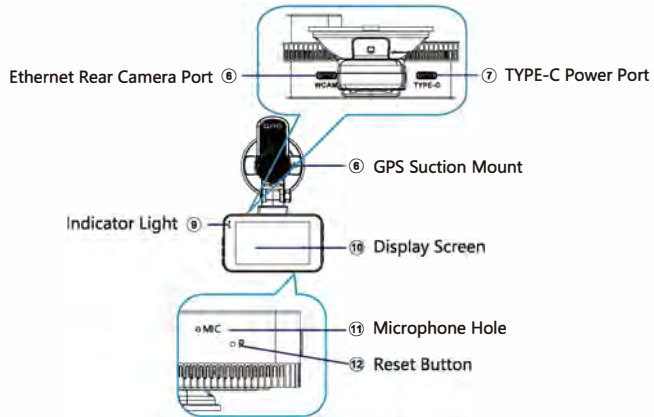
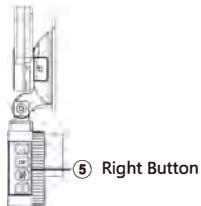
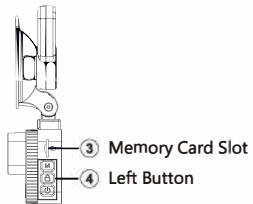
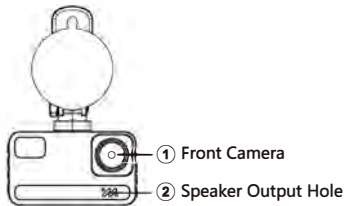
Note:

- **Before recording a video, always remove the plastic lens screen protector on the lens. Otherwise, your video will appear blurry.**
- **Do not remove the memory card while the camera is on. Otherwise, it may cause the card to be write-protected, resulting in data loss or damage to the card. Remove/insert the card only when the camera is off.**
- **Format the memory card every two weeks to maintain recording stability and card longevity.**



Warning:

After a test drive, check and make sure that all the videos are recorded correctly.





Menu Button

- Press Once – to enter/exit settings menu
- Press Once – to go back to the previous screen (in menu mode)



Emergency Lock Button

- Press Once – lock/unlock video (while recording, indicator turns yellow when locked)
- Hold 1s – take photo



Power Button

- Press Once – turn screen off/on (while device is on)
- Hold 2s – power off/on (while device is on)



File Button

- Press Once – enter file management



Up Button

- Press Once – move up (in menu) / play previous video (in playback)
- Hold 2s – turn Wi-Fi on/off (in recording mode)
- Hold 2s – lock the video (in playback)



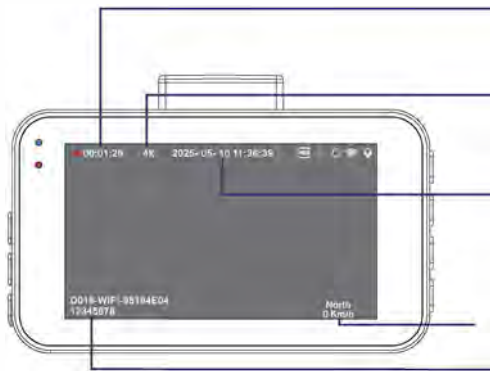
OK Button

- Press Once – On/off Recording
- Press Once – confirm/select (menu mode)
- Press Once – Switch Front /Rear camera (File Viewing Mode)



Down Button

- Press Once (Recording Interface) – switch front/rear camera, split screen mode, etc.
- Press Once (Menu Interface) – move down one line
- Press Once (Playback Interface) – play next video
- Press and Hold for 2 Seconds (Recording Interface) – enable/disable audio recording
- Hold 2s – delete the video or photo (in Playback)



Recording Icon: Only visible when recording is in progress, displaying the duration of the current video clip. The dot indicates the following:

● Recording a regular video. ● Recording a locked (emergency) video

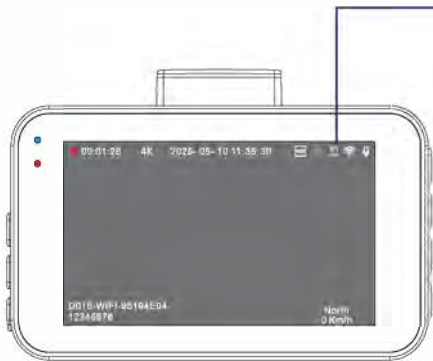
Resolution: Displays the current video recording resolution (can be adjusted in the settings menu).

Date & Time: The system will automatically display the current date and time based on the time zone settings. Once GPS location is successfully acquired, the time will sync automatically. When connected to a smartphone, the time will also update automatically. You can also manually adjust the time in the settings menu.

To ensure the correct time, the time zone must be set correctly.

Direction & Speed: Displayed only after successful satellite positioning.

Wi-Fi Information: Appears only when the Wi-Fi function is enabled. Displays the Wi-Fi name (SSID) and password. (You can modify the name and password in the settings menu after connecting to the device via smartphone. Restoring the device to factory settings will revert it to the original name and password.)



Status Bar: Displays the status of certain current functions:

-  The device's WDR function is currently enabled.
-  GPS antenna connected; searching for satellites
-  Satellite positioning successful (Go to Settings > GPS Info to view current satellite signal strength). Use outdoors for best results—indoor signal may be too weak.
-  MicroSD card detected
-  MicroSD card not detected
-  Wi-Fi is on but not connected to a phone. Wi-Fi stays on continuously and does not turn off automatically
-  When the phone connects to the dash cam via Wi-Fi, the device enters Connection Mode. All physical buttons are disabled and control is available only through the mobile app. After you exit the app or switch to another application, the Wi-Fi connection will disconnect automatically within 30 seconds and the buttons will resume normal function.
-  Audio recording is on. Hold the Down button for 2 seconds to turn audio recording on or off.
-  Audio recording is currently OFF



Indicator Light

Indicator Light	Status	Device Status Description
Red Light	On	Device is connected to external power source
	Off	Device is not connected to external power source
Blue Light	On	Device recording is not started
	Flashing	Device is recording

 **Normal Video Icon**
Select this icon and press the **OK** button to view and play all video files in this folder (including time-lapse videos).

 **Locked Video Icon**
Select this icon and press the **OK** button to view and play all video files in this folder (including collision detection videos).

 **Photo Icon**
Select this icon and press the **OK** button to view all photo files.

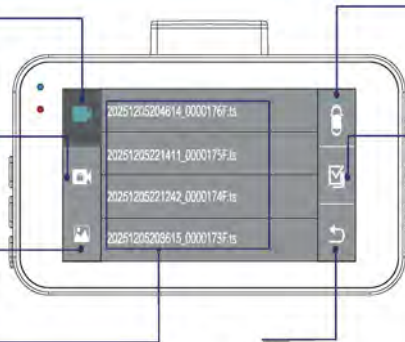
File Name

20251205 204614_0000176F.ts

Recording Date
(Year/Month/Day)

Recording Time
(Hour/Minute/Second)

File Format
F=Front Recording,
R=Rear Recording,



 Front  Rear

Recording View Icon
Select this icon and press **OK** to switch between front and rear recordings. The displayed icon shows which recording can be viewed or edited.



Delete Icon
Select this icon and press **OK** to enable file deletion mode. The top-right icon will change to indicate:
1.To delete one or more files, check them, press **M** to return, then select the delete icon.
2.First, enter the selection mode to enable deletion. Then press the **M** key to return to the selection screen, press the **OK** to select all, go back and choose the Delete key, and finally confirm with the check mark to complete the deletion.

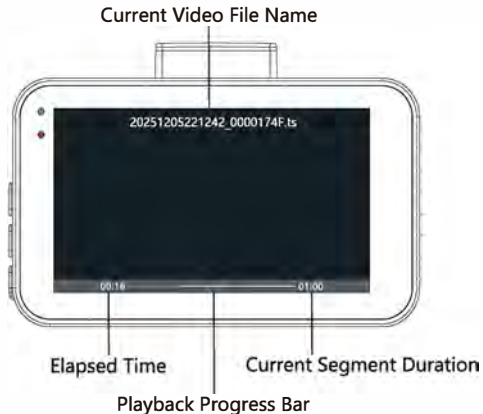


Return Icon

Click to go back to the previous screen.

To make it easier to manage different types of recordings, the device automatically names video files based on recording mode:

Type	Description	Front Camera	Rear Camera	Memory Card File
Normal Video	Regular driving recordings (not locked), which are overwritten in a loop by default.	F	R	Video
Locked Video	When a collision is detected or the lock is manually activated, the video is protected.	F_SOS	R_SOS	Event
Time-Lapse Recording	The device records in time-lapse mode when parked or after ignition off, saving storage space.	F_TLP	R_TLP	Video
Parking Collision Detection	When the vehicle is parked and a collision or external impact occurs, the device automatically records and saves the video.	F_PARK	R_PARK	Park

**Instructions:**

1. In the file playback interface, short press the **OK** to pause or play.
2. In the file playback interface, short press **△** to play the previous video.
3. In the file playback interface, short press **▽** to play the next video.
4. In the file playback interface, short press **M** to return to the file management interface.
5. In the file playback interface, short press **⏻** to wake the screen.
6. In the file playback interface, press and hold **⏻** to power off.
7. In the file playback interface, hold 2s **▽** to delete the video or photo.
8. In the file playback interface, hold 2s **△** to lock the video.

WiFi

- Displays WiFi info and app download QR code.
- Press OK briefly to toggle WiFi on/off.
- Wi-Fi stays on continuously and does not turn off automatically. The system remembers the last Wi-Fi state: if Wi-Fi was turned off before shutdown, it will remain off after reboot; if it was turned on before shutdown, it will remain on at the next startup.

WiFi Name SSID :D016-WIFI-XXXXXXXXX

Password:12345678

You can also turn WiFi ON by pressing & holding  button for 2 seconds.

WiFi Band Selection

- Selectable 5.8GHz or 2.4GHz band, default is 5.8GHz.
- 5.8 GHz is faster; 2.4 GHz has a longer range.

Resolution

- Front and rear recording resolution selectable between 2K and 4K, default is 4K.

Recording Time

- Video segment length selectable: 1, 3, or 5 minutes (default: 1 minute). Each option determines how long each recorded video file will be before a new file starts.

Record Audio

- Equipped with a built-in microphone to record audio along with video. You can select "OFF" to record silent video. During recording, hold 2s the Down button to toggle mute on or off.

Rear Camera Mirroring

- Can be turned on or off (default: on). When on, the rear camera image is mirrored like a rearview mirror; when off, the image shows the true direction.

Rear Camera Flip

- This feature can be turned on or off; it is off by default. If the rear camera image is displayed upside down, enable this feature to adjust the display orientation.

Screen Saver

- Can be turned on or off (default: off). When on, the display will automatically turn off after 1, 2, or 3 minutes of inactivity, which you can select.

Preview Mode

- Single front, single rear, or split-screen front/rear display; device remembers last used mode at startup.

Volume

- Low, medium, high volume levels or off; default is medium.

WDR

- Mode options: ON (default) / OFF. WDR enhances overall exposure by combining overexposed and underexposed areas, providing a wider brightness range and clearer details in high-contrast scenes.

Gravity Sensing

- Can be turned on or off, with adjustable sensitivity (low, medium, high; default: medium).

When the G-sensor is triggered during recording (collision or sudden impact detected), the current loop video file will be locked and protected from being overwritten.

G-Sensor Setting Guide

The Parking Mode G-Sensor triggers recording based on collision intensity, with three sensitivity levels: Low, Medium, High.

Sensitivity Levels

Levels	Low	Medium	High
Description	Lowest sensitivity; only stronger impacts trigger.	Balanced sensitivity; ideal for most users.	Highest sensitivity; even small vibrations trigger detection.
Advantage	Least false alarms.	Good balance of sensitivity and stability.	Captures minor bumps and scratches.
Disadvantage	May miss minor bumps.	Very minor bumps may not trigger.	More false alarms.

Collision Detection

- Can be turned on or off, with adjustable sensitivity (low, medium, high; default: off). When a collision occurs and the impact reaches the set sensitivity level, the device will automatically power on and record a 15-second locked video. Locked videos are protected, but storage follows a fixed 8:2 allocation (locked files : normal files). Once locked files reach this allocation limit, they will be overwritten according to the loop recording rules.

Time-lapse Video Duration

- Can be turned on or off, with adjustable duration options (12H, 24H, 72H; default: off). When enabled, the device records time-lapse video continuously for the selected duration.

Time-lapse Video

- Time-lapse video frame rate is adjustable to 1fps, 2fps, or 5fps (default 1fps), with lower frame rates producing faster playback and higher frame rates yielding smoother video.

NOTE:These three features will only appear and work after installing the hardwire kit, which is sold separately.

Parking Monitoring Function

To ensure continuous monitoring when the vehicle is turned off, please make sure to enable Time-Lapse Recording or Collision Detection before shutting down the car.

Parking Monitoring Mode

1. When Time-lapse Recording is Enabled

- ◆ **Status:** After engine off, the device will continue recording at a low frame rate (1/2/5 fps).
- ◆ **G-Sensor Trigger Logic:** If a collision exceeds the set G-sensor sensitivity, the current recording will be automatically locked.
- ◆ **File Storage:** Locked videos will be saved in the "Event" folder, using the same naming convention as during driving.

NOTE

Note:

Time-lapse recording and collision detection cannot operate simultaneously. When time-lapse is enabled, collision detection is in standby mode.

2. When Time-lapse Recording is Disabled

- ◆ **Status:** After engine off, the device powers down, but collision detection remains in standby mode.
- ◆ **Collision Detection Logic:** Videos are stored in the dedicated "Park" folder.
- ◆ **File Storage:** Locked videos will be saved in the "Event" folder, using the same naming convention as during driving.
- ◆ **Follow-up Status:** After recording, the device powers down and returns to standby mode.

Function Priority & Important Notes

- **Access Time-lapse Videos:** Locked videos recorded in Time-lapse mode can be found in the "Event" folder.
- **Access Collision Detection Videos:** Videos triggered by Collision Detection can be found in the "Park" folder.
- **Reminder During Driving:** Collision Detection does not activate during normal driving.
- **Parking Mode Battery Reminder:** Parking Monitoring consumes vehicle battery; adjust settings and sensitivity to avoid battery drain.

Collision Detection / Parking Mode

When the engine is off and the dash cam is powered via the Hardwire Kit, the Collision Detection / Parking Mode will automatically activate. Its core mechanism is **low-power standby + event-triggered wake-up**.

- ◆ **Standby:** After engine off, the main system powers down into low-power mode. A dedicated ultra-low power sensor continues monitoring vehicle conditions.
- ◆ **Event Trigger:** If a collision exceeds the G-sensor threshold, the sensor instantly triggers.
- ◆ **Wake-up & Recording:** The main system wakes instantly and records a locked video clip (~15s).
- ◆ **Event Storage:** Recorded videos are saved in the "Park" folder for easy access.
- ◆ **Return to Standby:** After saving, the main system powers down, returning to low-power standby mode.

Key Notes



Hardwire Kit Required: Must be properly installed to provide continuous power to the sensor and ensure Time-lapse Recording and Collision Detection function correctly.



Driving Mode Difference: Collision Detection is designed for parking mode only and will not activate during driving.



Video Folder Differentiation: Locked Time-lapse videos are saved in "Event" ; Collision Detection videos are saved in "Park" for easy access.



Energy Saving: In Parking Mode, Wi-Fi is automatically turned off to save power.



Battery Reminder: Parking Monitoring consumes vehicle battery; adjust settings and sensitivity to prevent battery drain.

Voice Prompt Broadcasting

- Can be turned on or off, default is on.
- When enabled, the device will provide voice prompts to inform the user of key operations or status changes. **The default voice prompt language is English.**

Language

- Supports 9 language options.

Time Settings

- Set time, date, and time format.

1. Manual Time Setting

- Enter "M" Menu → Time Setting
- Set "Year" , then press the OK button to enter "Month" setting
- After completing all settings, use the M button to select the checkmark "√" at the bottom, then press OK to save

Note: If you exit without saving, the settings will not take effect.

2. GPS Auto Time Sync

- The device's time synchronization depends on whether GPS positioning occurs before or after the manual time setting. There are two possible scenarios:
Scenario 1: GPS positioning is completed before manual time setting. In this case, the manually set time will remain and will not be overridden by GPS.
Scenario 2: Manual time setting is completed before the device acquires GPS positioning. When the device later acquires a GPS signal, the system will automatically update the time to satellite time, overriding the manually set time.

3. App Auto Time Sync

When the device is connected to the mobile app, it will automatically sync with your phone's system time

Time Zone

- Range: Supports 41 time zones.You can select the desired time zone based on the UTC standard or choose your local time zone directly.

Daylight Saving Time

- Daylight Saving Time (DST) refers to advancing the local time by one hour during certain seasons to extend daylight in the evening.If your region observes DST, make sure to adjust the time zone or time setting when DST begins to ensure accurate time display on the device.If DST is not used in your region, no additional adjustments are required.

Satellite Information

- Displays GPS/BDS status (GPS by default), location, and satellite signals. The icon turns green and displays real-time data (direction and speed) only when the signal is successfully received outdoors.

Speed Unit

- Supports unit switching between mph and km/h, with MPH set as the default.

Regularly format the memory card

- By default, the system reminds you to format the memory card every 30 days. You can change it to 15 or 60 days, or turn off the reminder.The formatting reminder is calculated starting from the day you first format the card.

Format

- Options: Cancel / Format.This function allows you to format the inserted memory card. All data on the card will be permanently erased. Please back up important files before proceeding.

Restore Factory Settings

- Resets all settings except date and time.

Firmware Version

- Displays current software version.

Customer Care

- Access support resources and contact information for assistance.

Legal

- Contains the product's legal notices, compliance information, and privacy terms.

Dash Cam Reset

Hardware reset and software reset are different.

1. Hardware Reset / Camera

--Press the reset button at the bottom of the camera.

--If the camera freezes and all buttons are unresponsive, press the reset button at the bottom with a paperclip or pen tip while the camera is powered on.

Note: After performing this action, the camera will power off. You need to press the power button manually to turn it back on.

2. Restore Default Settings (Software Reset)

--Use this to resolve any setting issues and restore all camera settings to factory defaults.

--Steps: Go to "System Settings" → scroll down to "Default Settings" → select to reset to default.

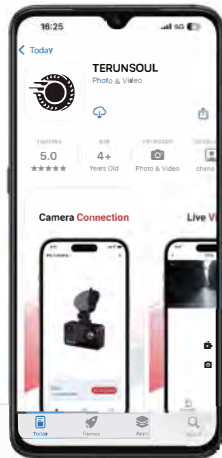
--This will reset all settings but will not affect the camera's firmware version.

APP User Guide

Step 1: Search & Install the **TERUNSOUL** APP

You can download the **TERUNSOUL** app in one of the following ways:

- Search for "**TERUNSOUL**" in the Apple App Store or Google Play.
- Scan the QR code sticker on the dash cam itself.
- Scan the QR code on the back of the product box.
- Scan the QR code below.



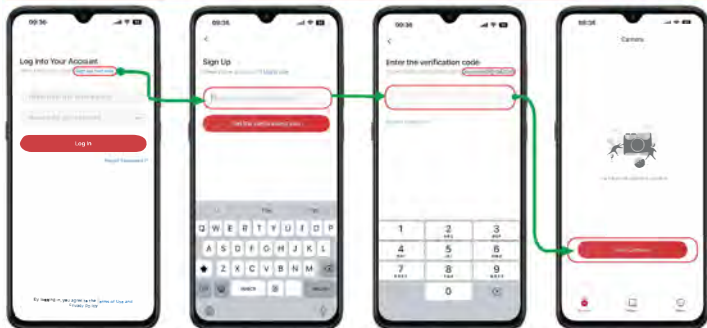
NOTE

TERUNSOUL D016' s Wi-Fi connection does NOT provide internet access. The Wi-Fi connection is designed solely for data transfer between your phone and the D016 dash cam.

STEP 2: Sign Up (For First-Time Users Only), Skip this step if you already have a Terunsoul account.

NOTE

TERUNSOUL D016' s Wi-Fi connection does NOT provide internet access. Do NOT connect your iOS/Android device to the Terunsoul Dash Cam' s Wi-Fi during registration.



First-Time Users

① When using the device for the first time, register and create a free account in the TERUNSOUL App. Ensure your phone is connected to the internet via home Wi-Fi or mobile data during registration. This step is required only once.

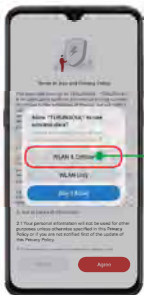
② After registration, stay logged in to your TERUNSOUL account unless you are logged out.

③ If you need to log back into your TERUNSOUL account, make sure you are connected to the internet first, then log in before pairing with the dash cam's Wi-Fi.

App Permission Guide



You can scroll the screen to review the terms. Tap [Cancel] to exit and stop using the app, or tap [Agree] (primary button) to continue and enter the app.



Tap "WLAN & Cellular" in the App to select your network connection mode. When Wi-Fi is unavailable, the device can automatically use cellular data (4G/5G) for connection.



Location Permission: Used for Wi-Fi connection and video geo-tagging functions; it's recommended to select "Allow only while using the app."



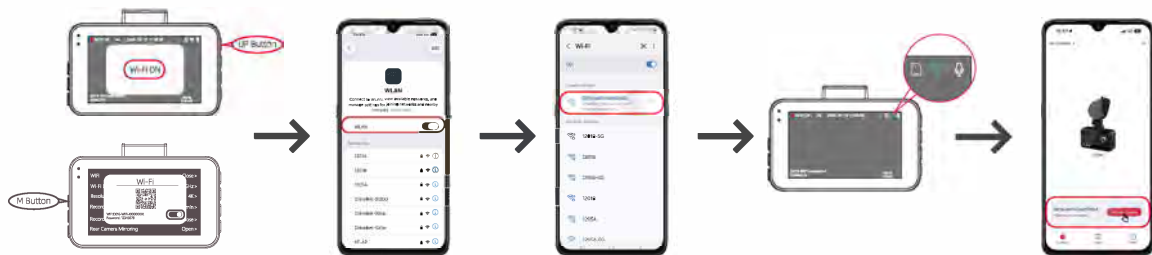
When you see the prompt 'TERUNSOUL would like to find and connect to devices on your local network,' please select 'Allow' so the app can connect to the dash cam and optimize the Wi-Fi experience.

1. Turn on Wi-Fi on both the dashcam and your phone.

- Dashcam: Press and hold the Up button for 2 seconds, or go to Menu → Wi-Fi → Turn On.
- The Wi-Fi name and password will be displayed on the screen.
- Phone: Go to Settings → Wi-Fi and make sure the Wi-Fi channel is not occupied by another network.

2. Connect your phone to the dashcam's Wi-Fi connection.

- Find the Wi-Fi name on your phone (e.g., D016-WIFI-XXXXXXX).Enter the password displayed on the dashcam's screen.
- Once connected, open the app and it will automatically enter the live view interface.



1 Wi-Fi Connection Notes

- ① Wi-Fi stays on continuously and does not turn off automatically.
- ② Avoid conflicts: Your phone can only connect to one Wi-Fi network at a time. Disconnect from CarPlay or other networks before connecting.
- ③ Keep close: Stay within 10 meters of the dash cam for a stable connection.
- ④ Device switching: If a phone has connected before, it will automatically reconnect when Wi-Fi is on. To connect a new phone, make sure the old one disconnects or forgets the network first.
- ⑤ The dash cam can operate and record normally without connecting to Wi-Fi. Using the app is optional, mainly for previewing, downloading, and sharing videos.
- ⑥ Before connecting to the dash cam's Wi-Fi, turn off wireless CarPlay or Android Auto on your vehicle. Otherwise, your phone may automatically switch back to the car system and interrupt the Wi-Fi connection.
- ⑦ If you exit the app or switch to another app, the Wi-Fi will automatically disconnect after 30 seconds.

2 Email Signup Notification

- ① Each account can receive a maximum of 10 verification codes per day. Do not request codes too frequently.
- ② Make sure your phone is connected to a stable mobile data network when requesting a code.
- ③ Do not use a VPN while requesting a code, as it may cause delays or prevent you from receiving the code.
- ④ Depending on your email settings, verification emails may be classified as spam. Please check your spam folder if you don't receive it.
- ⑤ Ensure that your email address is entered correctly; otherwise, you will not receive the code.
- ⑥ Verification codes have an expiration time. Enter the code before it expires, or you will need to request a new one.
- ⑦ When your email inbox is full, verification codes might not be delivered.

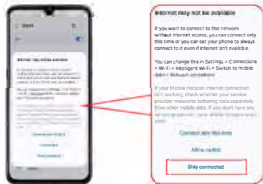
For Android / iPhone Users

When connecting your phone to the Terunsoul Dash Cam Wi-Fi for the first time, you may see a message saying “No Internet” or “No Internet Connection” – this is normal and can be ignored.

The Terunsoul Dash Cam does not provide internet access; the Wi-Fi connection is only used for file preview and device control.

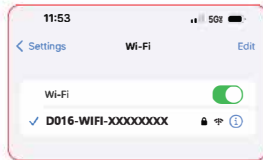
- **Android phones:**

Wait about 10-15 seconds after connecting until a pop-up appears. Tap the notification and choose to stay connected even though there is no internet access.



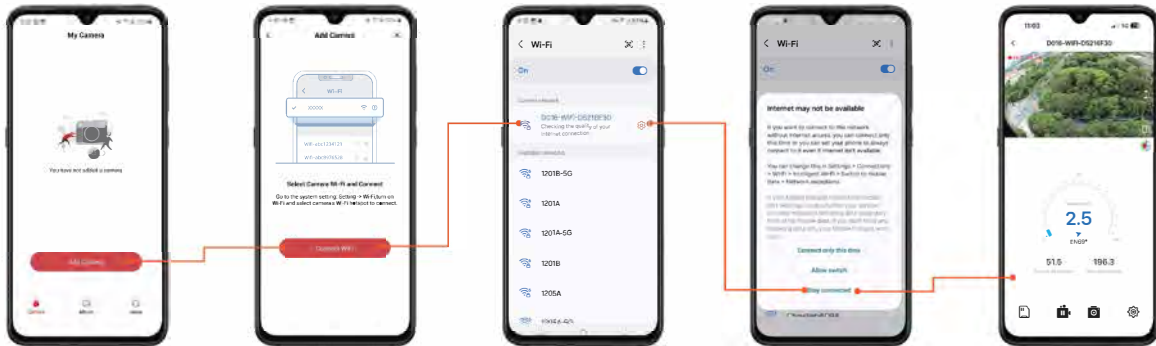
- **iPhone:**

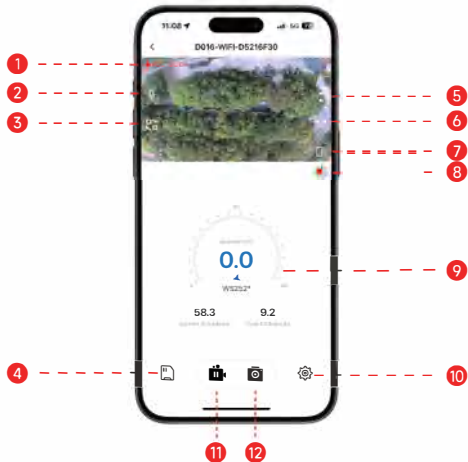
Once you see the blue check mark beside the Wi-Fi name, it means your iPhone is successfully connected.



After that, you can open the Terunsoul Dash Cam App to start using the device.

After signing up or logging into your account in the app, proceed with the following steps to enter the live preview screen.





- 1 Video icon and recorded duration
- 2 Record audio on/off button
- 3 Switch recording screen
- 4 Playback and manage video, photo, and other files
(Click "Camera Files" on the home page to view all your videos and photos.
You can also delete or download files here.)
- 5 Flip the video if it appears upside down
- 6 Rotate the video screen left or right (The display is only shown when
switched to the rear camera.)
- 7 Full screen display
- 8 Map(**NOTE:**After the location information is successfully acquired, it will be
displayed in the app.)
- 9 GPS information(**NOTE:**After the location information is successfully acquired,
it will be displayed in the app.)
- 10 Dash cam settings
- 11 Record start/pause button
- 12 Take pictures

App Usage Notes:

- To protect user privacy, the Terunsoul App requires users to register or log in with an email address before they can access and use the app.
- The App requires an internet connection and must be paired with the dashcam to use its features and controls.
- APP does not support split-screen view: If the dash cam is in split-screen mode, the App will only display separate front/rear camera feeds (no split-screen layout).
- Once the dash cam is successfully connected to the app, only the app can be used for operation—the dash cam itself cannot be operated at the same time.
- When connecting the dash cam for the first time, make sure your phone's Wi-Fi permissions are enabled and that the app has the necessary access to ensure a stable connection and full functionality.
- If you exit the app or switch to another application on your phone, the Wi-Fi connection will automatically disconnect after 30 seconds.

WARNING: After connecting one device, you must disconnect it before connecting another; otherwise, the new device won't be able to access the Wi-Fi.



1. Dash Cam OTA Upgrade

- ① Once the dash cam is connected to the app, the app will automatically check the firmware version and notify you of any available updates when your phone is connected to Wi-Fi. You can also manually check for updates by going to **[More]** → **[About]** and tapping **[Check for Updates]**.
- ② Before downloading and installing the latest firmware, make sure the dash cam remains connected to the app.

NOTES: During the OTA upgrade process, both the smartphone and the dashcam must remain powered on and connected. Once the upgrade package is downloaded, the dashcam will display a prompt. You must manually confirm the upgrade on the dash cam. After the upgrade is complete, tap the “Done” button on the smartphone to exit the upgrade page. Please follow this procedure carefully to avoid upgrade failure. During the upgrade process, the power must remain continuously connected. Do not disconnect the power at any time.



2. APP OTA Upgrade

- ① Open the app and go to **[More]**
- ② Tap **[About]** → **[Version Update]**
- ③ If a new version is available, tap **[Start Upgrade]**
- ④ Do not close the app or disconnect during the upgrade process

① First, open the app and connect it to the device, Then tap More



② Then tap "Feedback"



③ Finally, describe the issue and provide your contact information, including your email address.



If you have any further questions, please contact our official support: help@terunsoul.com

We recommend using GPS Player for video playback. It supports split-screen view and Google Maps display. Download for Mac/Windows:

<https://gpsplayer.net/setup.html>

In the player, go to Settings > Video Playback Mode to adjust playback mode, speed, language, and map settings.

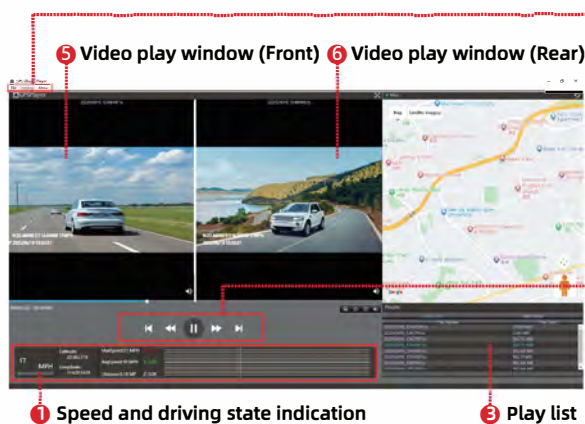
** NOTE**

Note:

If the front and rear driving footage were recorded simultaneously and loaded into the playlist at the same time, they can be played side by side in a split-screen view.

To play a specific video file, simply click and hold the left mouse button, then drag the desired file into the video playback window.

GPS information is displayed only when you play the original video files from the memory card in the GPS player.



- 4 **File:** Includes operations such as Open, Save As, Exit, etc.
Settings: Allows configuration of video playback modes (Single-channel (FHD/UHD) video mode, Dual-channel, Triple-channel, or 4-channel simultaneous playback), adjustment of video playback speed (frame by frame/0.5/0.8/1.0/1.5/2.0); language ; speed unit (KM/H, MPH); map (Google/AMap/OpenStreetMap/Yandex); connect tracks; auto-play next video.
About: View version and update version.

If the device won't power on or keeps rebooting, what should I do?

- ① Is the vehicle's ACC turned on? The device requires ACC power to start.
- ② Is the charging cable securely connected to the device's Type-C port?
- ③ Are you using the original car charger? Third-party chargers may provide unstable power.
- ④ Is the car charger fully inserted into the cigarette lighter socket?
- ⑤ Are the connections correct? The car charger should be plugged into the "TYPE-C" port, and the rear camera should be plugged into the "WCAM" port.

If the image is blurry or unclear, how can I improve it?

- ① Is the lens protective film removed, and is the lens surface clean and free of smudges?
- ② Have you cleaned the windshield to remove oil, dust, or other debris?
- ③ Have you removed any reflective items from the dashboard to prevent sunlight glare from affecting the image quality?

If the device buttons are unresponsive, how should I handle it?

- ① If the screen is frozen or unresponsive, the device may be malfunctioning. Please disconnect the power and reconnect it to restart.
- ② If the device is connected to the mobile app, the local buttons may be temporarily unavailable.

If recording is abnormal or the memory card is not recognized, what should I do?

- ① Ensure the memory card is properly inserted, with a capacity of at least 8GB and a speed class of U3 or higher.
- ② Format the memory card using the device's built-in formatting function.
- ③ If formatting fails, use a different memory card.

How to Set the Time and Why It May Not Take Effect

- ① Set the correct time according to your time zone; the device will adjust automatically.
- ② To set the time manually: go to the "M" menu → Time Settings. After setting, press the "M" button to select "Confirm," then press "OK" to save. If you exit directly without confirming, the settings will not take effect.
- ③ Before GPS positioning is complete, the time can be set manually.
- ④ When connected to the mobile app, the device will automatically sync with the phone's system time.
- ⑤ After GPS positioning is complete, the device will automatically update to the satellite time.

Time Sync Priority: GPS Time > Phone System Time > Manual Time Setting > Time Zone Setting

The File Is Saved in TS Format and Cannot Be Opened on the Computer. What Should I Do?

- ① TS files need to be played with a compatible player. You can download the dedicated player here: <http://gpsplayer.net/setup.html>

Cannot Receive Verification Code. What Should I Do?

- ① Check that your email address is correct and can send/receive emails normally.
- ② Check your spam/junk folder for the verification code.
- ③ Turn off any security software or disconnect your VPN, then try again.
- ④ If the problem persists, try using a different phone or email address.
- ⑤ Avoid requesting the verification code too frequently. Each email can request it up to 10 times. Wait 1-5 minutes before trying again.
- ⑥ When your email inbox is full, verification codes might not be delivered.

Why Can a Phone Only Connect to One Wi-Fi Network at a Time and Cannot Use CarPlay and the Dash Cam Simultaneously?

- ① A phone can only maintain one active Wi-Fi connection at a time.
- ② To connect to the dash cam's Wi-Fi, you must first disconnect from CarPlay.
- ③ Select the dash cam's Wi-Fi network and enter the password.
- ④ Open the Terunsoul App to view and manage dash cam content.
- ⑤ If you exit the app or switch to another app, the Wi-Fi will automatically disconnect after 30 seconds.

Note: This is a limitation of the phone's operating system, not a product defect. The app is optional and mainly used to view, download, or share videos.

Cannot Connect to Wi-Fi. What Should I Do?

- ① Turn on Wi-Fi: Press and hold the “Up” button until the screen shows “Wi-Fi On.” The Wi-Fi name and password will also be displayed. Wi-Fi stays on continuously and does not turn off automatically. The system remembers the last Wi-Fi state: if Wi-Fi was turned off before shutdown, it will remain off after reboot; if it was turned on before shutdown, it will remain on at the next startup.
- ② Disconnect Other Networks: A phone can only connect to one Wi-Fi at a time, so you need to disconnect from CarPlay or any other network first.
- ③ Stay Within 10 Meters: Keep the phone within 10 meters of the dash cam to ensure a stable signal.
- ④ Switching devices: If a phone has previously connected to this Wi-Fi, it will automatically reconnect when Wi-Fi is turned on. To connect a new device, make sure the old device forgets or disconnects from the Wi-Fi first, otherwise the new device won't be able to connect successfully.

The App Interface Keeps Loading/Spinning. What Should I Do?

- ① Make sure your phone is connected to the dash cam's Wi-Fi.
- ② Check that the Wi-Fi icon on the dash cam screen is solid green.
- ③ Keep the app running in the foreground and wait for the video to initialize (about 10-30 seconds).
- ④ Restart the app.
- ⑤ If the problem persists, provide the video to the after-sales team for further investigation.
- ⑥ When the preview is stuck on loading, disable cellular data and stay connected to Wi-Fi to restore the app preview.

Why Do I See a Security Warning When Downloading the App?

- ① You may see a system security prompt when installing the app via QR code; this is normal.
- ② The Terunsoul App is safe and will not harm your phone or leak data.
- ③ You can also download it directly from the App Store or Google Play.

Cannot Find the Time-Lapse Recording Option in the Menu. What Should I Do?

- ① The time-lapse recording feature only appears when connected to the hardwire kit, which must be purchased separately.

Is the Dash Cam App Paid?

- ① Free. The Terunsoul App is free for life with no additional charges. You can download it from the App Store or Google Play by searching for "Terunsoul."

NOTE

By following the above instructions, you can use the dash cam and app safely and reliably. If issues persist, please contact our official support: help@terunsoul.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- 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 this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

ISED STATEMENT:

- English: "

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device."

- French: "

Cet appareil est conforme aux normes RSS exemptées de licence d'innovation, sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition au rayonnement de la ISED établies pour un non contrôlé Environnement. Cet équipement devrait être installé et utilisé avec une distance minimale 20cm entre le radiateur et votre corps.

Made in China



FCC ID: 2BPRI-D016