

Operation Guidance

■ Power On / OFF

- Automatic: The dash cam powers on and starts recording when the vehicle's engine is started. It stops recording and powers off when the engine is turned off or the charging cable is disconnected.
- Manual: Press and hold the Power Button to turn the device on or off .

Note: Some vehicles supply continuous power to 12V accessory sockets even when locked. This may disrupt automatic power on/off. Prolonged recording while the vehicle is stationary can drain the battery (risk of insufficient charge for engine start). To mitigate this:

- Install the ORSKEY S5 Hardwire Kit (direct fuse box integration), or
- Reconfigure your fuse box to activate the 12V outlet only when the ignition is in ACC or ON position .

■ Recording Mode

Insert a compatible microSD card to enable automatic loop recording when power is detected. Configure video durations to 1/2/3/5-minute intervals. When storage is full, the system overwrites the oldest files sequentially. All recordings save to the **ORSDC/Video** directory .

■ Emergency Recording

If the G-sensor detects a collision or significant impact, the system automatically creates a protected video clip and locks it to prevent overwriting .

To preserve evidence:

- 1) Connect to the device via the AMGEKE app immediately after an incident to download the locked clip.
- 2) For extended footage, manually lock and download additional recordings through the app .

Note

Adjust collision detection sensitivity via the G-sensor menu in device settings. Protected files save to the **ORSDC/Event** folder .

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■ Playback Videos

In standby or recording mode, press and hold the Menu Button to open the video playlist. Use the Up/Down Buttons to select a video, then press the Power Button to start playback. Press and hold the Menu Button again to exit playback .

Note

1. Front and rear camera recordings save as separate files.
2. Front files are named Year_Date_Time_A, rear files Year_Date_Time_B.

■ Connection to Computer

1. Connect the camera to your computer using the included USB Type-C Data Cable (0.8m / 2.6ft).
2. Select “Mass Storage” on the camera when prompted. Your computer will detect a “Removable Disk” drive.
3. Videos are stored in the ORSDC folder with four subfolders:
 - **Loop:** Unlocked files for loop recording (manually lock via device playback or app).
 - **Emergency:** Protected clips triggered by collisions (G-sensor).
 - **Photos:** Unlocked still images captured from video streams.
 - **Time-lapse:** Unlocked time-lapse and parking monitoring footage.

For optimal playback, transfer files to your computer and use VLC Media Player for decoding .

■ Front and Rear Camera Display Options(For K80 Model)

When the rear camera is connected via the dedicated AV input, the LCD supports four live preview modes:

Mode	Description
Dual View(Rear Overlay)	Shows feeds from both cameras, rear preview on upper left.
Dual View(Front Overlay)	Shows both feeds, front preview on upper left.
Front Only	Shows front camera preview exclusively.
Rear Only	Shows rear camera preview exclusively.

System Settings

- **Resolution:** Select your preferred video resolution for recordings.
 - ※ Single-channel recording:
 - 4K 30fps
 - 2K 60fps
 - 2K 30fps
 - 1080p 60fps
 - 1080p 30fps
 - ※ Dual-channel recording:
 - 4K + 1080p 30fps
 - 2K + 1080p 30fps
 - 1080p + 1080p 60/30fps
 - 1080p + 1080p 30fps
- **Loop Recording:** Ensures continuous recording without any interruptions. When the storage is full, it automatically overwrites the earliest footage with new recordings. Customize the video retention period to your preference.
 - Options: OFF / 1 Minute / 2 Minutes / 3 Minutes / 5 Minutes
- **WDR:** WDR(Wide Dynamic Range) enhances video exposure by dynamically adjusting brightness levels across varying lighting conditions, ensuring clear visibility in challenging environments.
 - Options: ON / OFF
- **Exposure:** Adjust the Exposure Value from -2.0 to +2.0 to optimize image brightness in various lighting conditions.
 - Options: +2,+1.7,+1.3,+1.0,+0.7,+0.3,+0.0,-0.3,-0.7,-1.0,-1.3,-1.7,-2
- **G-Sensor:** Detects sudden impacts or collisions through adjustable sensitivity levels, triggering automatic protection of related video files to prevent overwriting. Ensures critical footage is preserved for incident review.
 - Options: OFF, Low, 2, Middle, 4, High
- **Video Coding:** Advanced Video Coding with H.265 delivers superior compression efficiency compared to H.264.
 - Options: H.265 / H.264
- **Record Audio:** Enable or disable the microphone. Adjust this setting with the UP button when not recording.
 - Options: ON / OFF

System Settings

- **Speed Unit:** Choose your preferred speed unit: Kilometers per Hour (KM/H) or Miles per Hour (MPH).
 - Options: KM/H / MPH
- **Frequency:** Set the video recording frequency to 50Hz or 60Hz to match your region's power grid standards.
 - Options: 50 Hz / 60 Hz
- **Daylight Saving Time:** Activate this feature to automatically adjust the time during daylight saving periods. Ensure compliance with local regulations for correct synchronization.
 - Options: ON / OFF
- **Date Stamp:** Add date and time to videos.
 - Options: ON / OFF
- **GPS Coordinates Stamp:** Embed GPS information into videos.
 - Options: ON / OFF
- **LOGO Stamp:** Add the camera model to videos.
 - Options: ON / OFF
- **Speed Stamp:** Display speed on videos.
 - Options: ON / OFF
- **License Plate Stamp:** Overlay license plate information on videos.
 - Options: ON / OFF
- **Wi-Fi:** Long-press the Down button to quickly enable Wi-Fi.
 - ※ Limited Time: Wi-Fi turns off automatically after a set period. Ideal for most users.
 - ※ Always: Wi-Fi stays on continuously once the device is powered on.
 - Options: OFF / 2.4GHz(Limited Time) / 2.4GHz(Always) / 5GHz(Limited Time) / 5GHz(Always).
- **WiFi Password:** Set password protection for the dash cam's Wi-Fi to control device access.
 - Options: ON / OFF
- **GPS:** When enabled, the GPS module embeds location data into videos. If disabled, the camera will not track speed, location, or synchronize time and date (requires a GPS signal). Use the app for video playback and to view speed and position on your phone.
 - Options: ON / OFF

System Settings

- **GPS Auto Time Sync:** Once enabled, the dash cam synchronizes in real time with GPS time to ensure high precision. Please set the correct time zone in advance to ensure accurate time adjustment.

- Options: ON / OFF

- **Time Zone:** Set your local time zone (based on UTC) to synchronize the device's date and time via GPS. Enable the daylight saving feature during applicable periods to maintain accuracy. For precise UTC values, visit WorldTimeServer or Greenwich Mean Time.

- Options: UTC-12:00 to UTC+12:00

- **Date/Time:** Set the system's date and time.

- Options: MM/DD/YY, DD/MM/YY, YY/MM/DD

- **Time Format:** Allows switching between 12-hour and 24-hour display.

- Options: 12-Hour / 24-Hour

- **Language:** Choose the display language from supported options.

- Options: English, 简体中文, 繁体中文, Français, Español, Português, Deutsch, Italiano, Русский, 日本語

- **Screen Saver:** Default setting is off; adjust through the menu.

Four options are available:

- Screen Saver ON 30s: Activates after 30 seconds of inactivity.
- Screen Saver ON 2min: Activates after 2 minutes of inactivity.
- LCD OFF 30s: Turns off the LCD after 30 seconds of inactivity.
- LCD OFF 2min: Turns off the LCD after 2 minutes of inactivity.

- **Advanced Parking Mode:** Five modes are available for enhanced surveillance:

- Parking G-sensor: The G-sensor detects significant movements (e.g., impacts or collisions) and triggers event recording. We recommend setting it to high sensitivity for parking mode recording.

- Time lapse 6 hours: Records continuously at 1 fps for 6 hours without audio.
- Time lapse 12 hours: Records continuously at 1 fps for 12 hours without audio.
- Time lapse 24 hours: Records continuously at 1 fps for 24 hours without audio.
- Time lapse 48 hours: Records continuously at 1 fps for 48 hours without audio.
- Low Bitrate Recording: Record video with audio continuously at a low bitrate of 1080P@15fps.