

## K600 4K Dual Dash Camera

### User Manual & Setup Guide

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### Product Overview

The OVAMAN K600 is a premium dual dash camera system featuring 4K front recording and 1080P rear recording capabilities. Equipped with built-in GPS, 5G WiFi connectivity, and a large 3.59" IPS display, this dash cam provides comprehensive vehicle monitoring and superior video quality for enhanced driving security.

#### Key Features

- **4K + 1080P Dual Recording:** Ultra-high definition front camera with Full HD rear camera
- **Built-in GPS:** Location and speed tracking for complete journey records
- **5G WiFi Connectivity:** Fast wireless connection for app control and file transfer
- **3.59" IPS Screen:** Large, clear display for easy viewing and menu navigation
- **170° Wide Angle:** Comprehensive coverage of road ahead
- **24H Parking Mode:** Continuous monitoring when vehicle is parked
- **Superior Night Vision:** Enhanced low-light recording capabilities

# Technical Specifications

Specification	Details
Front Camera Resolution	4K UHD (3840 × 2160P)
Rear Camera Resolution	1080P Full HD
Display	3.59" IPS Screen
Viewing Angle	170° Wide Angle
GPS	Built-in GPS module
WiFi	5G WiFi connectivity
Storage	Micro SD Card (32GB-256GB), Class 10/U3 minimum
Included Storage	Free 32GB/64GB SD Card (pre-formatted)
Features	HDR, WDR, Loop Recording, G-Sensor, Motion Detection
Parking Mode	24-hour monitoring (hardwire kit required)
Power Input	12V/24V via car adapter or hardwire kit
Operating Temperature	-10°C to 60°C (14°F to 140°F)

# Package Contents

- OVAMAN K600 Main Unit (Front Camera)
- Rear Camera with Connection Cable
- 3.59" IPS Display Screen
- Car Charger (12V/24V)
- Suction Cup Mount
- Adhesive Mounts (2x)
- Free 32GB/64GB Micro SD Card (Pre-formatted)
- USB Cable
- User Manual
- Installation Guide

# Installation Guide

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## Step 1: Mounting the Front Camera

1. Clean the windshield area where you plan to mount the camera
2. Choose between suction cup mount (temporary) or adhesive mount (permanent)
3. Position the camera behind the rearview mirror for optimal view
4. Ensure the camera doesn't obstruct your vision
5. Secure the mount firmly to the windshield

## Step 2: Installing the Rear Camera

1. Mount the rear camera on the rear windshield, centered for best coverage
2. Route the rear camera cable from the rear to the front of the vehicle
3. Use cable clips to secure the wire along the headliner and door frames
4. Connect the rear camera cable to the main unit
5. Ensure the cable doesn't interfere with airbags or moving parts

## Step 3: Power Connection

1. Connect the car charger to your vehicle's 12V power outlet
2. Route the power cable neatly to avoid driver distraction
3. For 24H parking mode, consider installing the hardwire kit (sold separately)
4. Connect the power cable to the main camera unit
5. Test the power connection by starting your vehicle

## Step 4: SD Card Setup

**⚠ Important:** The included SD card comes pre-formatted. If using your own card, ensure it's Class 10/U3 and format it before first use.

1. The included SD card is already inserted in the camera unit
2. If using your own card, insert it into the SD card slot
3. Format the card through the camera menu for first-time use

4. Supported capacity: 32GB to 256GB

# WiFi & App Setup

## Downloading the App

1. Search for "OVAMAN" in your device's app store
2. Download and install the official OVAMAN app
3. Compatible with both Android and iOS devices

## WiFi Connection Setup

1. Power on the K600 dash cam
2. Navigate to WiFi settings in the camera menu
3. Enable WiFi on the dash cam
4. On your phone, go to WiFi settings
5. Find and connect to the K600's WiFi network
6. Open the OVAMAN app and follow connection prompts

**Note for Android Users:** Android phones have WiFi turned off by default for dash cam connections. Manually enable WiFi and disable automatic switching to mobile data to maintain connection.

## App Features

- **Live View:** Real-time monitoring of both front and rear cameras
- **File Management:** Download, view, and delete recordings
- **Settings Control:** Adjust camera settings remotely
- **GPS Tracking:** View location data and route information
- **Quick Share:** Share videos and photos directly from the app

## ⚙️ Camera Settings & Menu

### Recording Settings

Setting	Options	Recommended
Front Resolution	4K, 1080P, 720P	4K for best quality
Rear Resolution	1080P, 720P	1080P
Loop Recording	1/3/5 minutes	3 minutes
HDR	On/Off	On for balanced exposure

WDR	On/Off	On for challenging lighting
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### GPS Settings

- **GPS Recording:** Enable to record location and speed data
- **Speed Units:** Choose between MPH or KM/H
- **Time Zone:** Set your local time zone for accurate timestamps

### Parking Mode

1. Enable parking mode in the camera settings
2. Install hardwire kit for 24-hour monitoring (sold separately)
3. Set motion detection sensitivity
4. Configure recording duration for triggered events
5. Set low voltage protection to preserve car battery

# Operation Guide

## Automatic Recording

The K600 automatically begins recording when powered on (when you start your vehicle). The camera will continue recording in loops, overwriting the oldest files when the SD card is full.

## Manual Recording

- **Emergency Recording:** Press the emergency button to lock the current file
- **Photo Mode:** Switch to photo mode to capture still images
- **Menu Navigation:** Use the touch screen or physical buttons to navigate

## File Protection

- **G-Sensor:** Automatically locks files during sudden movements or impacts
- **Motion Detection:** Records when motion is detected (parking mode)
- **Manual Lock:** Manually protect important recordings

# Troubleshooting

## Common Issues & Solutions

Issue	Solution
Camera won't turn on	Check power connection and fuse. Verify 12V/24V compatibility
WiFi won't connect	Restart camera, ensure phone WiFi is enabled, check distance
Poor night vision	Clean lens, enable HDR/WDR, check camera positioning
SD card error	Format SD card, check compatibility (Class 10/U3), try different card
GPS not working	Ensure clear sky view, wait for satellite lock, check GPS settings
Rear camera no signal	Check cable connections, verify rear camera power, test cable integrity

## Maintenance Tips

- Regularly clean camera lenses with a soft, lint-free cloth
- Check SD card health periodically and replace if necessary
- Keep firmware updated through the mobile app
- Ensure proper ventilation around the camera unit
- Check mount security regularly, especially suction cup mounts

# Support & Warranty

## Technical Support

- **Website:** <https://ovaman.org/>
- **Support:** Available 24/7 via email
- **Response Time:** Within 24 hours
- **App Support:** In-app help and troubleshooting guides

## Warranty Information

- **Standard Warranty:** 12 months from purchase date
- **Coverage:** Manufacturing defects and component failures
- **Exclusions:** Physical damage, water damage, misuse
- **Registration:** Register your product online for full warranty coverage

⚠ **Safety Notice:** Always follow local laws and regulations regarding dash cam installation and use. Do not operate the camera or mobile app while driving. Ensure the camera doesn't obstruct your view or interfere with vehicle safety systems.

### OVAMAN K600 4K Dual Dash Camera

#### Advanced Dash Cam Technology for Enhanced Driving Security

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