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› TrueCam A7s Dash Cam User Manual

TrueCam A7s

TrueCam A7s Dash Cam User Manual

Model: A7s

1. INTRODUCTION

Thank you for choosing the TrueCam A7s Dash Cam. This device is designed to provide high-quality video recording of your journeys, enhancing your safety and providing crucial evidence in case of incidents. Equipped with advanced features like Full HD+ resolution, GPS, speed camera detection, and a durable super capacitor, the A7s is a reliable companion for every driver. Please read this manual carefully to ensure proper installation and operation of your dash cam.



Figure 1: TrueCam A7s Dash Cam, showcasing its sleek design and front lens.

2. PACKAGE CONTENTS

Before you begin, please check the package contents to ensure all items are present:

- TrueCam A7s Dash Cam Unit
- GPS Module

- Mount with 3M Adhesive Pad
- Suction Cup Mount
- DVR Adapter
- Car Charger with two USB outputs
- Power Mini USB Cable (3m)
- 3M Cable Holders (5x)
- Replacement 3M Adhesive Pad
- Protective Cover
- USB Data Cable
- Memory Card (included)
- CPL Filter (optional, may be sold separately)



Figure 2: All components included in the TrueCam A7s Dash Cam retail package.

3. PRODUCT OVERVIEW

Familiarize yourself with the main parts and functions of your TrueCam A7s Dash Cam.



Figure 3: Front view of the dash cam highlighting key features such as 1296p Full HD+, G-sensor, Night mode, Speed camera alert, File protection, Motion detection, GPS, and Micro SD card support up to 64 GB.



Figure 4: Detailed diagram showing the GPS module, adjustable joint, powered via mount connection, screen saver on/off button, Micro SD slot (up to 64 GB), recording indicator, microphone on/off, and start/stop recording button. The image also shows the dash cam display with speed and distance information.

4. SETUP

4.1. Installation

1. **Choose a Mounting Location:** Select a spot on your windshield that does not obstruct your view of the road, typically behind the rearview mirror.
2. **Clean the Windshield:** Ensure the mounting surface is clean and dry for optimal adhesion.
3. **Attach the Mount:** Secure the chosen mount (adhesive pad or suction cup) to the windshield. The smart holder design allows you to connect the holder once and then simply attach the camera.
4. **Insert Micro SD Card:** Insert a compatible Micro SD card (up to 64GB, included) into the dash cam's slot.
5. **Connect Power:** Connect the power mini USB cable to the mount, and then plug the car charger into your vehicle's cigarette lighter socket. The smart holder is powered, eliminating the need to daily connect/disconnect cables.

6. **Adjust Camera Angle:** Adjust the camera lens to capture the desired field of view, ensuring the road ahead is clearly visible. The camera features a 180-degree rotation capability.



Figure 5: Demonstrates the easy installation of the TrueCam A7s Dash Cam onto the windshield mount.

4.2. Initial Power On

Once connected to power, the dash cam will automatically power on and begin recording. Follow the on-screen prompts to set the date, time, and preferred language (English menu available).

5. OPERATING

5.1. Basic Recording

The TrueCam A7s automatically starts recording when the vehicle's ignition is turned on and stops when the ignition is off. Videos are recorded in a continuous loop, overwriting the oldest unprotected files when the memory card is full.

5.2. Motion Detection

When enabled, the dash cam will automatically start recording if it detects motion in front of the vehicle, even when parked. This feature is useful for monitoring your vehicle when you are away.

5.3. G-Sensor (Impact Detection)

The built-in G-sensor detects sudden impacts or rapid acceleration/deceleration. When an event is detected, the current video segment is automatically locked and protected from being overwritten, ensuring critical footage is saved.

5.4. GPS and Speed Camera Detection

The integrated GPS module tracks your vehicle's location and speed. The dash cam also features a database of over 40,000 speed cameras in 36 countries, providing audible warnings as you approach them. All updates to the speed camera database are

provided free of charge.



Figure 6: The dash cam display indicating current speed and a warning for an upcoming speed camera, showing distance to the camera.

5.5. Night Mode

The TrueCam A7s is optimized for low-light conditions, capturing clear and detailed video footage even at night, ensuring important details like license plates and faces are visible.

5.6. CPL Filter (Optional)

An optional CPL (Circular Polarizing Lens) filter can be attached to reduce glare and reflections from the windshield and dashboard, improving video clarity, especially in bright sunlight.



Figure 7: Visual comparison demonstrating the improved clarity and reduced reflections when using the optional CPL filter compared to no filter.

6. FEATURES

- **Full HD+ Video Quality:** Records in 1296p resolution, capturing sharp details like license plates and traffic signs.
- **Integrated GPS:** Provides accurate location and speed data, which can be displayed directly on the video footage.
- **Speed Camera Database:** Alerts you to fixed speed cameras, helping you avoid fines. Free lifetime updates.
- **Smart Holder:** Simplifies daily use by allowing the camera to be easily attached and removed from the powered mount without re-adjusting cables or angles.
- **Super Capacitor:** Ensures long-term durability and reliability, especially in extreme temperatures, unlike traditional batteries that degrade over time. The super capacitor requires continuous power connection during operation.
- **LDWS (Lane Departure Warning System):** Alerts the driver if the vehicle drifts out of its lane.
- **180-Degree Rotation:** Allows for flexible camera positioning.
- **Loop Recording:** Automatically overwrites the oldest files to ensure continuous recording.

- **File Protection:** Manually or automatically locks video files to prevent accidental deletion.
- **Automatic Power On/Off:** Starts recording when the car starts and saves files before shutting down when the car is turned off.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or abrasive materials.
- **Memory Card:** Periodically format your Micro SD card (at least once a month) within the camera's settings to maintain optimal performance and prevent data corruption.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods when not in use. The super capacitor is designed to withstand temperature fluctuations during operation.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not turning on.	No power supply; loose connection.	Check power cable connection to the mount and car charger. Ensure car charger is properly inserted into the cigarette lighter socket.
Recording stops unexpectedly.	Memory card full or corrupted; faulty memory card.	Format the memory card. Try a different, high-speed (Class 10 or higher) Micro SD card.
Video footage is blurry or unclear.	Lens is dirty; protective film still on lens; incorrect focus.	Clean the lens. Remove any protective film. Ensure the camera is securely mounted and not vibrating. Consider using the optional CPL filter to reduce glare.
GPS not working or inaccurate.	GPS module not properly connected; poor satellite signal.	Ensure the GPS module is firmly pushed into its port on the mount. Park in an open area to acquire satellite signal. Heated windscreens or other electronics might interfere with GPS signal.
Speed camera alerts not functioning.	GPS not active; outdated database.	Ensure GPS is working. Check for available database updates on the TrueCam website.

9. SPECIFICATIONS

Feature	Detail
Model Name	A7s
Brand	TrueCam
Video Capture Resolution	1296 pixels (Full HD+)
Special Features	Night Vision, Built-in GPS, G-Sensor
Connectivity Technology	Add-on Unit
Car Service Type	Car

Feature	Detail
Orientation	Front
Included Components	Memory Card
Mounting Type	Suction Cup Mount
Color	Black
Product Dimensions	14 x 12 x 11 cm; 480 grams
Battery	1 Lithium Polymer battery required (included)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official TrueCam website. Keep your proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

The automatically displayed time on my TrueCam A7s is incorrect (e.g., it shows 15:00 when it is actually 17:00 during daylight savings). How can I correct the time?

The TrueCam A7s uses its integrated GPS module to automatically synchronize the time. If the time is incorrect by exactly two hours, it is usually because the Time Zone or Daylight Saving Time (DST)...

[Read full answer](#)