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> SZshufen T88 Plus 12-inch Touch Screen 360-degree Panoramic Car Dash Cam User Manual

SZshufen T88 Plus

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Comprehensive guide for installation, operation, and maintenance of your advanced car DVR system.

1. PRODUCT OVERVIEW

The SZshufen T88 Plus is a state-of-the-art 12-inch touch screen car dash cam designed to provide comprehensive vehicle monitoring and smart driving assistance. Featuring a 360-degree panoramic view with four simultaneous recording channels, it captures every angle of your journey. Its advanced Android 10.0 system integrates GPS navigation, 4G connectivity, Wi-Fi hotspot, Bluetooth, and remote monitoring capabilities, ensuring a safer and more connected driving experience.



Figure 1.1: The SZshufen T88 Plus dash cam displaying a 4-camera split view (Front, Rear, Left, Right) on its 12-inch screen, along with individual camera modules.

2. KEY FEATURES

- **12-inch Full HD Touch Screen:** High-resolution 1280x720P display for clear viewing and intuitive control.
- **4-Channel Simultaneous Recording:** Records front, rear, left, and right views concurrently, providing a comprehensive 360-degree panoramic recording (note: 360-degree view refers to the combined coverage, not a single spherical image). All four video feeds are saved to the SD card.
- **Android 10.0 System (2GB RAM + 32GB ROM):** Stable and smooth operation, supporting various Android applications.
- **WIFI/4G & Bluetooth Functionality:** Supports direct Wi-Fi, 4G network (FDD LTE B1/3/5/8), and Bluetooth for internet access, hotspot creation, and hands-free calling.
- **GPS Navigation & Tracking:** Built-in Google Play Market allows download of navigation apps (Waze, Sygic, etc.). Accurately records driving track and speed, with history playback via the Car Assist App.
- **Parking Monitoring (24-hour):** Provides continuous surveillance when the vehicle is parked, requiring a constant power connection.
- **Car Assist App Remote Monitoring:** Monitor your vehicle in real-time, track its location, and receive alarm messages on your mobile phone in case of an incident.
- **Loop Recording:** Automatically overwrites the oldest video files when the SD card is full, ensuring continuous recording. Supports up to 256GB SD card (Class 10 or above).
- **G-Sensor:** Detects sudden impacts or collisions and automatically locks the current video file to prevent overwriting.
- **FM Transmit:** Synchronize the dash cam's audio with your car's original audio system.

- **HD Reversing Assistance:** Provides clear guidelines for safe parking and reversing.
- **Advanced Driving Assistance Systems (ADAS):** Includes Lane Departure Warning System (LDWS), Forward Vehicle Movement Alarm (FVMA), and Forward Collision Warning System (FCWS).
- **Two-Way Voice Communication:** Communicate with occupants in the car from your smartphone via the Car Assist App.

HD Reversing Assistance



Figure 2.1: The 12-inch touch screen demonstrating the 4-split display feature, allowing simultaneous viewing of all four camera feeds. Tapping twice on a quadrant expands it to full screen.

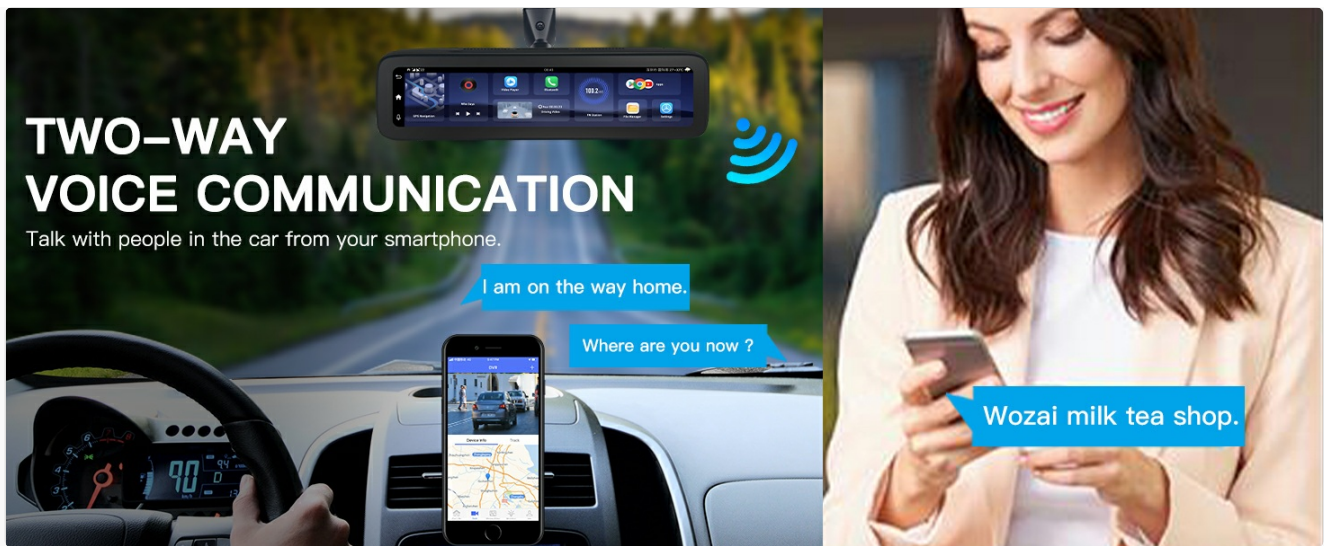


Figure 2.2: Visual representation of Advanced Driving Assistance features including Lane Departure Warning (LDWS), Forward Vehicle Movement Alarm (FVMA), and Forward Collision Warning (FCWS).

3. PRODUCT ACCESSORIES

The following items are included with your SZshufen T88 Plus dash cam:

- T88 Plus Main Unit (12-inch Mirror Dash Cam)
- Front Camera
- Rear Camera (8-meter cable)
- Left Side Camera (3.5-meter cable)
- Right Side Camera (3.5-meter cable)
- GPS Module
- Power Cable
- Memory Card (pre-installed or separate)
- User Manual
- Center Console Base (for dashboard mounting)
- Universal Ball Bracket (for rearview mirror mounting)
- Mounting Screws and Adhesives



Figure 3.1: A visual representation of all components included in the product package.

4. SETUP AND INSTALLATION

4.1 Choosing an Installation Method

The T88 Plus offers two primary installation methods: dashboard mount using the center console base, or rearview mirror mount using the universal ball bracket.



Figure 4.1: Illustration of the two available installation methods: top shows dashboard mounting with the console base, bottom shows rearview mirror mounting with the bracket.

4.2 Camera and Wire Connection

Proper connection of all cameras and power wires is crucial for optimal performance. Refer to the diagram below for detailed wiring instructions.

- **CH1:** Connect Front Camera.
- **CH2:** Connect Rear Camera (8-meter cable).
- **CH3 & CH4:** Connect Side Wing Cameras (3.5-meter cables).

T88 Wire Connection Details:

- **Green wire:** Connect the positive power end of the backup lamp power.
- **Grey wire & Purple wire:** Connect the left or right turn signal.
- **Red wire:** Connect ACC start engine.
- **Yellow wire:** Connect the long power B+ in the car.
- **Black wire:** Connect GND (Ground).
- *Note: If the green wire is not long enough to reach the rear of your vehicle, please extend it with another wire.*



Figure 4.2: Detailed diagrams showing how to connect the four cameras to the main unit and the specific wiring for the T88 Plus power and signal cables.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The device will automatically power on when the vehicle starts and power off when the ignition is turned off (if connected to ACC power). A power button is also available on the unit.
- **Touch Screen Interface:** Navigate through menus and settings by tapping and swiping on the 12-inch touch screen.
- **Split Screen Display:** The default view shows a 4-way split of all camera feeds. Tap twice on any camera view to expand it to full screen.

5.2 Advanced Functions

- **GPS Navigation:** Access pre-installed or downloaded navigation apps from the main menu. Ensure the GPS module is connected for accurate positioning.
- **4G/Wi-Fi Connectivity:** Insert a 3G/4G SIM card to enable mobile data. The device can also function as a Wi-Fi hotspot for other devices.
- **Bluetooth:** Pair your smartphone for hands-free calling and audio streaming.
- **FM Transmit:** Go to settings to enable FM transmit and select a frequency to broadcast the dash cam's audio to your car's radio.
- **Parking Monitoring:** Ensure the dash cam is hardwired to a constant power source for 24-hour parking monitoring. The device will automatically record if an impact is detected while parked.
- **Car Assist App:** Download the 'Car Assist' app from the App Store or Google Play (refer to QR codes in Section 7). Use the app for remote monitoring, GPS tracking history, and receiving alarm notifications.
- **ADAS Features:** Enable and calibrate Lane Departure Warning, Forward Collision Warning, and Forward Vehicle Movement Alarm in the settings for enhanced driving safety.

Figure 5.1: Overview of additional functions including FM Transmit, Bluetooth hands-free, G-sensor, automatic loop recording, and 24-hour parking monitoring.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and camera lenses. Avoid abrasive cleaners or solvents.
- **SD Card Management:** Regularly format the SD card (at least once a month) to ensure optimal performance and prevent data corruption. Back up important video files before formatting.
- **Firmware Updates:** Check the manufacturer's website or the Car Assist App for any available firmware updates to improve performance and add new features.
- **Temperature:** Avoid exposing the device to extreme temperatures (hot or cold) for prolonged periods, as this can affect battery life and component longevity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply; loose connection; faulty power cable.	Check power cable connection to car and device. Ensure car ignition is on if connected to ACC. Test with another power source if possible.
Recording stops or freezes.	SD card full or corrupted; low-speed SD card; firmware issue.	Format the SD card. Use a Class 10 or higher SD card. Update firmware.
GPS signal is weak or lost.	GPS module not connected; poor satellite reception.	Ensure GPS module is securely connected and placed in an open area (e.g., dashboard).
Car Assist App cannot connect.	No 4G/Wi-Fi connection on device; incorrect app settings.	Ensure the dash cam has an active 4G or Wi-Fi connection. Check app permissions and network settings.
Image quality is poor.	Dirty camera lens; protective film still on lens; low light conditions.	Clean camera lenses. Remove any protective films. Ensure sufficient lighting for optimal recording.

Product accessories



Figure 7.1: Scan these QR codes to download the Car Assist App for Android or iOS devices.

8. SPECIFICATIONS

Feature	Detail
Model Name	T88 Plus
Display	12-inch IPS Touch Full Screen
Video Capture Resolution	720p (HD)
Operating System	Android 10.0 (Android 8.11 mentioned in feature bullets, using 10.0 as per specification)
RAM	2GB
ROM	32GB
Connectivity Technologies	USB, Wireless (Wi-Fi, 4G, Bluetooth)
4G Band Support	FDD LTE B1/3/5/8
Max SD Card Support	256GB (Class 10 or above)
Mounting Type	Dashboard Mount, Rearview Mirror Mount
Item Weight	6.6 pounds
Color	Black
Manufacturer	ShiZhen
Date First Available	March 17, 2021



FM Transmit

FM transmission function to connect car original speaker you could synchronize the mirror DVR music to your car audio with ease.



BT Hand-free

You could make and receive calls directly from the mirror dvr itself with the built-in MIC and speaker.



Android system

Built-in 2GB+32GB memory,most of apps can download from app stores.



G-sensor

If there is a collision G-shock sensor will automatically blocks the file recorded video from the overwriting.



Recording Loops

Automatic seamless video re-cording in a loop for effective use storage with the earliest.



24H Parking Monitor

After you leave the car,if you connect the mirror to the hardline,then your mirror can work all the time.

More functions

Figure 8.1: Dimensions of the main unit (28.1cm x 8.2cm) and locations of USB interface, TF card slot, SIM card slot, and Power Key.

9. WARRANTY AND SUPPORT

For product support, troubleshooting assistance, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official SZshufen store page on Amazon. This user manual is included in the product package to assist with setup and operation.

Additional resources and software updates may be available via the following link:

[SZshufen Product Support Resources \(Dropbox\)](#)