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VSYSTO H10

VSYSTO H10 4-Channel HD 1080P Backup Camera System User Manual

Model: H10 | Brand: VSYSTO

INTRODUCTION

The VSYSTO H10 is a comprehensive 4-channel HD 1080P backup camera system designed for various large vehicles such as semi-trailers, vans, tractors, and RVs. It features a 10.1-inch monitor, GPS functionality, and infrared night vision cameras to enhance driving safety and recording capabilities. This manual provides detailed instructions for the setup, operation, and maintenance of your VSYSTO H10 system.

WHAT'S IN THE BOX

Upon unpacking, please ensure all the following components are present:

- Host with bracket (10.1-inch monitor)
- 4 x HD 1080P Cameras
- GPS Module
- Remote Control
- Power Cable

SETUP

Follow these steps to connect and prepare your VSYSTO H10 system for use:

1. **Connect Cameras:** Connect each of the four cameras to the corresponding input ports on the main monitor unit using the provided cables.
2. **Connect GPS Module:** Plug the GPS module into its designated port on the monitor.
3. **Connect Power:** Connect the power cable to the monitor and then to a suitable 12V/24V power source in your vehicle.
4. **Initial Power-On Test:** Power on the system to verify that all cameras are displaying correctly on the monitor before proceeding with permanent installation.

Video: VSYSTO H10 Truck Dash Cam Unboxing and Basic Operation. This video demonstrates the initial connection of the cameras, GPS, and power cable to the main monitor unit. It also shows the system powering on and displaying camera feeds, along with basic remote control functions and menu navigation.

OPERATING INSTRUCTIONS

This section details how to operate your VSYSTO H10 system using the monitor buttons and remote control.

Remote Control Functions

- **Red Button:** Short press to switch to a full-screen display of the left camera. Short press again to return to the original multi-camera display mode.
- **Blue Button:** Short press to switch to a full-screen display of the right camera. Short press again to return to the original multi-camera display mode.
- **Double Click Any Button:** Double-click either the Red or Blue button to switch to backup camera mode, displaying the rear camera in full screen with parking guidelines. Double-click again to return to the original display mode.

Monitor Button Functions

(*Please press the OK button to stop recording before entering the menu page for settings adjustments.)

- **Menu Button:** Press this button (located on the monitor) to enter the main menu page.
- **"Front" Page (Play Icon):** Select this option from the menu to view videos saved by the front and rear cameras.
- **"Side" Page (Play Icon):** Select this option from the menu to view videos saved by the left and right cameras.
- **Settings Page (Gear Icon):** Access various system settings including:
 - Movie Clip Time
 - Sound Record
 - MIC Sensitivity
 - Parking Monitoring
 - Parking Sensitivity
 - Movie Off Time
 - Beep Sound
 - Clock Settings
 - Date Format
 - Speed Stamp
 - Overspeed Warning
 - Front/Rear/Left/Right Camera Mirroring
 - LCD Power Save
 - Backlight Adjustment
 - Protect Level
 - GPS Status
 - Time Zone Selection
 - Format Setup
 - Firmware Version
- **Memory Card Page (SD Card Icon):** Use this option to format the inserted memory cards.
- **Language Setting Page (Globe Icon):** Select this option to switch between different display languages.
- **V1/V2 Button:** Press this button to cycle through different camera display modes, including 1, 2, 3, or 4 split-screen views.
- **"-" Button (Down Button):** In video recording status, short press to toggle the sound recording function on or off.

- **OK Button:** Press to pause or start video recording.
- **"+" Button (Up Button):** In video recording status, short press to lock or unlock the currently recording video file, preventing it from being overwritten.
- **Power Button:** Short press to put the monitor into sleep mode. Long press to turn the recorder completely on or off.

KEY FEATURES

The VSYSTO H10 system offers several advanced features for enhanced vehicle monitoring:

10.1-inch Screen Monitor

Enjoy a large, clear view with the 10.1-inch monitor. It includes a sunshade and adjustable backlight brightness for optimal visibility in various lighting conditions. The remote control allows for easy switching between multi-perspective, full-screen, and split-screen display modes.



The 10.1-inch monitor provides clear day and infrared night vision views from all four cameras, with flexible mounting options.

Infrared Night Vision

The 4-channel HD 1080P waterproof cameras (Left, Right, Rear) are equipped with IR LED and IR CUT technology, ensuring clear image quality even in low-light or nighttime conditions. Long wired connections provide stable video transmission.



Infrared night vision cameras provide clear visibility in dark environments, crucial for safety.

1TB Video Storage Support

The system supports simultaneous recording from all four cameras. It features dual SD card slots, with each slot supporting a maximum of 512GB, allowing for a total of 1TB video storage. High-quality Class 10 or above micro SD cards are required for optimal performance.

Save up to 1TB Video Files



Dual card slot, each memory card max support 512 GB. It can record dozens of hours continuously and save 1TB video files.



The reversing auxiliary line can help the driver park the truck easily.

Dual SD card slots enable extensive video storage, up to 1TB, for continuous recording.

Timed Recording (Parking Guard)

Configure the system to continue recording for a set duration (2h/4h/8h/12h) after the vehicle's power is turned off. This feature requires the battery voltage to remain above 11.8V to function.

Movie off Time

The system can be set to continue recording for 2h/4h/8h/12h after parking.



Timed Record



Auto Turn on/off

Parking Guard

Tips: It is recommended to enable this feature while setting the low voltage protection function. When the car voltage is lower than the set value, the system will automatically disable the movie off time function to avoid further consumption of the car power.

The Parking Guard feature allows for configurable timed recording after the vehicle is parked, providing continuous surveillance.

Auxiliary Driving Function

When the auxiliary yellow cable on the camera is connected, the system provides enhanced driving assistance. The rear camera image is displayed full-screen with reversing guidelines when the vehicle is in reverse. Activating the left or right turn signal will display the corresponding camera image in full screen, aiding in observing the surrounding environment.

Multiple Split Screen Modes



Using the wireless remote control can switch between different split-screen modes and full-screen modes.

Assisted Driving functions provide full-screen camera views when reversing or using turn signals for improved awareness.

Multifunctional DVR System with GPS & Temperature Sensor

The DVR system supports seamless loop recording

with adjustable video lengths (1/2/3/5 minutes). A built-in G-sensor detects impacts and automatically locks video files. The car charging cable displays battery voltage. Integrated GPS and a temperature sensor provide real-time data on ambient temperature, driving speed, altitude, atmospheric pressure, longitude, and latitude. Recorded video driving tracks can be viewed using the dedicated DV Player computer software.

GPS & Temperature Sensor



The system integrates GPS for tracking and a temperature sensor for environmental monitoring, enhancing data collection.

Multiple Split Screen Modes

The system offers various split-screen modes, allowing you to view multiple camera feeds simultaneously. You can easily switch between different layouts using the remote control.

Assisted Driving



Multiple split-screen modes provide flexible viewing options for all connected cameras.

No Blind Spot

With four strategically placed cameras, the system provides a 360-degree all-round observation of road conditions, effectively eliminating blind spots around your vehicle.

No Blind Spot



Four cameras ensure comprehensive 360-degree coverage, eliminating blind spots for safer driving.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your VSYSTO H10 system:

- **Cleaning:** Regularly clean the monitor screen and camera lenses with a soft, dry cloth. Avoid abrasive cleaners that may damage surfaces.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from damage. Loose connections can lead to signal loss or intermittent operation.
- **SD Cards:** Use only Class 10 or higher micro SD cards. Format the SD cards regularly (e.g., once a month) to maintain recording efficiency and prevent data corruption. Back up important video files before formatting.
- **Environmental Conditions:** Avoid exposing the system to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. While cameras are waterproof, the monitor should be protected from direct water exposure.

TROUBLESHOOTING

If you encounter issues with your VSYSTO H10 system, refer to the following common problems and solutions:

- **No Power to Monitor:**
 - Check if the power cable is securely connected to both the monitor and the vehicle's power source.
 - Ensure the vehicle's ignition is on or the power source is active.
 - Verify the vehicle's fuse for the power outlet is intact.
- **No Camera Display:**
 - Ensure all camera cables are securely connected to the monitor.
 - Check the monitor's display settings to ensure the correct camera input or split-screen mode is selected.

- Inspect camera cables for any visible damage.
- **Recording Issues (e.g., no recording, corrupted files):**
 - Confirm that SD cards are properly inserted into both slots.
 - Format the SD cards through the monitor's menu.
 - Ensure the SD cards are Class 10 or higher and not full. Replace if necessary.
 - Check recording settings in the menu (e.g., loop recording duration).
- **GPS Not Working:**
 - Ensure the GPS module is securely connected to the monitor.
 - Place the GPS module in a location with a clear, unobstructed view of the sky.
 - Check GPS status in the system settings.
- **Remote Control Not Responding:**
 - Check and replace the battery in the remote control.
 - Ensure there are no obstructions between the remote and the monitor's IR receiver.

SPECIFICATIONS

Feature	Specification
Product Dimensions	1.65 x 9.92 x 7.68 inches
Item Weight	8.18 pounds
Item Model Number	H10
Batteries	1 Lithium Metal battery required (included)
Connectivity Technologies	Auxiliary
Display Technology	LED
Other Display Features	Wireless
Screen Size	10 Inches
Control Method	Remote
Field Of View	170 Degrees
Video Capture Resolution	1080p

Product Size



Image: Product dimensions for the VSYSTO H10 monitor and cameras.

WARRANTY AND SUPPORT

VSYSTO products are designed for reliability and performance. For warranty information, technical assistance, or any questions regarding your VSYSTO H10 system, please contact VSYSTO customer support through their official website or the retailer where the product was purchased. Please have your model number (H10) and purchase details ready when contacting support.