

## VIVIDIA VS-92530

# Vividia VS-92530 Plus FHD Pipe Sewer Drain Video Inspection Camera User Manual

Model: VS-92530 Plus

## 1. INTRODUCTION

The Vividia VS-92530 Plus is an all-in-one Full High Definition (FHD) compact video inspection camera system designed for professional inspection of pipes, sewers, drains, air ducts, and underground cable pipes. This system features a 25mm Sony CCD camera head, a 30-meter fiberglass cable, and a 10.1-inch LCD monitor with SD card recording capabilities. The VS-92530 Plus model includes a camera head with built-in self-leveling and a 512Hz wireless sonde, along with a meter counter for precise distance measurement.

Key features include:

- FHD 1920x1080 camera for clear and sharp images.
- Compact, portable, and heavy-duty metal frame design.
- Integrated system with all necessary components and accessories.
- 12 bright LED lights on a 25mm diameter, IP68 waterproof camera.
- Built-in meter counter, self-leveling function, and 512Hz sonde.

## 2. PRODUCT OVERVIEW

The Vividia VS-92530 Plus system is comprised of a main control unit, a camera head, and a fiberglass push cable reel. The control unit integrates the monitor, recording functions, and system controls into a robust, portable case.



**Figure 2.1:** The Vividia VS-92530 Plus All-in-One FHD Compact Pipe Sewer Drain Tube Video Inspection Camera system. This image displays the main control unit with its 10.1-inch LCD monitor open, revealing the integrated keyboard and control panel. The camera head and push cable are visible extending from the side of the unit, ready for deployment. The robust, portable case design is evident.

## 2.1. Camera Head

The camera head is a 25mm diameter Sony CCD sensor, equipped with 12 bright LED lights for illumination in dark environments. It is IP68 waterproof, allowing for submerged inspections. The VS-92530 Plus camera head also features built-in self-leveling to maintain an upright image orientation and a 512Hz wireless sonde for locating the camera's position underground.



**Figure 2.2:** Close-up view of the Vividia VS-92530 Plus camera head. This image shows the robust, flexible spring mechanism connecting the camera head to the push cable, designed to navigate bends in pipes. The front of the camera head, containing the lens and LED lights, is visible.

## 2.2. Control Unit

The control unit houses the 10.1-inch high-brightness LCD screen, control buttons, an SD card slot for recording, and a full QWERTY keyboard for text input. It is designed for ease of use and portability.



**Figure 2.3:** The Vividia VS-92530 Plus control unit in a closed configuration. This view highlights the compact and rugged design of the system when not in use, with the monitor lid closed and the keyboard neatly stored. The blue protective bumpers on the corners are visible.

### 3. SETUP

1. **Unpack the System:** Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present.
2. **Power Connection:** Connect the provided power adapter to the control unit and a suitable power outlet. Allow the unit to charge fully before first use (charging indicator will show status). The system can also operate while charging.
3. **SD Card Insertion:** Locate the SD card slot on the control unit. Insert a compatible SD card (up to 256GB, Class 10 recommended) with the metal contacts facing down, until it clicks into place. This is required for recording images and videos.
4. **Camera Head Connection:** Ensure the camera head is securely connected to the fiberglass push cable.

The connection should be watertight.

5. **Initial Power On:** Press and hold the power button on the control unit to turn on the system. The LCD screen will display the live camera feed.

## 4. OPERATION

This section details the functions of the control unit and how to operate the inspection camera.



**Figure 4.1:** Labeled diagram of the Vividia VS-92530 Plus control unit. This image clearly indicates the location and function of various controls, including the 10.1-inch LCD screen, sunshade, LED brightness adjustment, M/FT switch, counter reset, camera switch (C1, C2), power button, SD card slot, text input keyboard, charging power indicator, zoom controls (8 levels), image capture button, zoom out button, camera head connection point, and record video/audio button.

### 4.1. Control Panel Functions

- **Power Button:** Press and hold to turn the system ON/OFF.
- **LED Brightness Adjustment:** Controls the intensity of the camera's LED lights. Rotate the knob to increase or decrease brightness.
- **M/FT Switch:** Toggles the meter counter display between meters (M) and feet (FT).
- **Counter Reset:** Resets the displayed distance on the meter counter to zero.
- **Camera Switch (C1, C2):** If multiple camera inputs are supported, this switches between them. For single camera systems, this may not be active.
- **SD Card Slot:** For inserting the SD card for media storage.
- **Text Input (Keyboard):** Use the integrated keyboard to add text annotations to recordings or images.
- **Charging Power Indicator:** Displays the current battery charge status.
- **Zoom In/Out (8 Levels):** Magnifies or reduces the live image on the screen.
- **Image Capture:** Takes a still photograph of the current view.
- **Record Video/Audio:** Starts and stops video recording. Audio is recorded via the built-in microphone.

### 4.2. Performing an Inspection

1. **Prepare the Camera:** Ensure the camera head and cable are clean. Adjust LED brightness as needed.



2. **Insert Camera:** Carefully feed the camera head into the pipe or area to be inspected. Use the push cable to guide it.
3. **Monitor the Feed:** Observe the live video feed on the 10.1-inch LCD monitor. The self-leveling feature will help maintain an upright image.
4. **Use Meter Counter:** The built-in meter counter will display the distance the camera has traveled. Reset it at the starting point of your inspection.
5. **Record Findings:** Press the 'Image Capture' button to take still photos of points of interest. Press the 'Record Video/Audio' button to start recording video segments. Press again to stop.
6. **Utilize 512Hz Sonde (Plus Model):** If you need to locate the camera's position, use a compatible 512Hz locator (sold separately) to detect the signal emitted by the camera head's sonde.
7. **Retrieve Camera:** Once the inspection is complete, carefully retract the camera cable from the pipe.

### 4.3. Playback and Data Transfer

Recorded images and videos are stored on the SD card. To review them, navigate to the playback menu on the control unit. To transfer files to a computer, remove the SD card from the slot and insert it into a computer's SD card reader.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Vividia VS-92530 Plus inspection camera.

- **Cleaning the Camera Head:** After each use, especially in dirty environments, gently clean the camera lens and housing with a soft, damp cloth. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Cable:** Wipe down the fiberglass push cable as it is retracted to remove any debris or residue.
- **Control Unit Care:** Keep the monitor screen and control panel clean and free of dust. Use a soft, dry cloth. Do not spray liquids directly onto the unit.
- **Battery Maintenance:** For optimal battery life, charge the unit regularly and avoid completely draining the battery. If storing for extended periods, charge the battery to approximately 50% every few months.
- **Storage:** Store the system in its original case or a clean, dry, and temperature-controlled environment when not in use. Protect it from extreme temperatures and direct sunlight.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Camera not connected; low battery; system not powered on.	Check camera connection; charge battery; press power button.
Cannot record video/images	No SD card inserted; SD card full or corrupted; incorrect file format.	Insert SD card; delete old files or use new card; format SD card (refer to system settings).
LED lights not working	LED brightness set to minimum; faulty connection.	Adjust LED brightness knob; check camera head connection.

Problem	Possible Cause	Solution
Meter counter inaccurate or not working	Counter needs calibration or reset; mechanical issue.	Press 'Counter Reset' button; contact support if issue persists.

## 7. SPECIFICATIONS




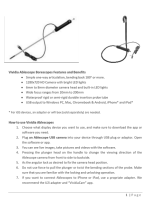

Feature	Detail
Brand	VIVIDIA
Model	VS-92530 Plus
Video Capture Resolution	1080p (FHD)
Camera Head Diameter	25mm / 0.98 inches
Cable Length	30m / 98 Ft. (Fiberglass)
Monitor Size	10.1 inch LCD
Storage Media	SD Card
Water Resistance Level	IP68 (Camera Head)
Special Features	Built-in Meter Counter, Self-Leveling, 512Hz Sonde
Shooting Modes	Underwater
Manufacturer	Vividia Technologies

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Vividia Technologies directly. Refer to your purchase documentation for specific warranty terms and contact details.

**Manufacturer:** Vividia Technologies

For the most current support information, please visit the official [Vividia Store on Amazon](#) or the manufacturer's website.

	<p><a href="#">Vividia Ablescope USB Borescopes for iPhone, iPad, Android, and Windows PC - Models VA-400i, VA-980i, and more</a></p> <p>Explore the Vividia Ablescope series of USB borescopes, compatible with iPhone, iPad, Android devices, and Windows PCs. This guide covers software setup, usage instructions, safety precautions, and warranty information for models like VA-400i and VA-980i.</p>
	<p><a href="#">Vividia TVS-360 Pole Camera Quick Start Guide - Setup and Operation</a></p> <p>A quick start guide for the Vividia TVS-360 Pole Camera, covering setup, installation of the 7" DVR, power management, recording, playback, LED controls, and function settings for models TVS-360-50 and TVS-360-85.</p>
	<p><a href="#">Vividia WC-30 Wireless Portable DVR User Manual</a></p> <p>This user manual provides comprehensive guidance for the Vividia WC-30 Wireless Portable DVR. It covers essential information on product features, setup, operation, recording, playback, system settings, and troubleshooting. Learn how to effectively use this device for wireless video capture and monitoring.</p>
	<p><a href="#">Vividia Ablescope USB Borescope Cameras and Bundles User Guide</a></p> <p>This guide provides information on Vividia Ablescope USB Borescope Cameras and Bundles, including features, benefits, setup instructions, software compatibility, bundle options, and safety precautions.</p>
	<p><a href="#">Vividia GP-3915 Articulating Videoscope Operation Manual   DELLON Industrial Inspection</a></p> <p>Comprehensive operation manual for the DELLON Vividia GP-3915 industrial articulating videoscope. Learn about features, specifications, operation, troubleshooting, and after-sales service for this high-definition inspection tool.</p>