

FLIR VS80

FLIR VS80 Videoscope Screen User Manual

Model: VS80

PRODUCT OVERVIEW

The FLIR VS80 Videoscope Screen is a versatile and rugged inspection tool designed to improve inspection speed and efficiency. This manual provides essential information for the proper setup, operation, and maintenance of your VS80 Videoscope Screen.

Key Features

- **Improve Inspection Speed:** Designed for quick and efficient visual inspections.
- **Versatile, Rugged, Reliable:** Built to withstand demanding environments and provide consistent performance.
- **Identify, Document, Share:** Capabilities for capturing and sharing inspection data.
- **Performs wide range of inspections:** Adaptable for various inspection scenarios.
- **Limited 3-Year Warranty:** Provides assurance for product longevity.

PACKAGE CONTENTS

Upon opening the package, ensure all the following items are present:

- Display Headset
- SD card
- USB cable
- HDMI cable
- Straps
- Case
- Sun Visor Adaptor

SETUP

Initial Setup

1. **Charge the Device:** Connect the VS80 Videoscope Screen to a power source using the provided USB cable.

Ensure the device is fully charged before first use.

2. **Insert SD Card:** Locate the SD card slot, typically on the side or bottom of the device. Insert the provided SD card firmly until it clicks into place. This card is essential for saving images and videos.
3. **Attach Straps:** Securely attach the included straps to the designated attachment points on the VS80 screen for comfortable and safe handling during inspections.
4. **Connect Probe (if applicable):** If you have a compatible VS80 probe (sold separately), connect it to the designated port on the VS80 screen. Ensure a secure connection.



Image: The FLIR VS80 Videoscope Screen displaying a live feed from an inspection probe, highlighting its clear display and ergonomic design.

OPERATING INSTRUCTIONS

Powering On/Off

- **To Power On:** Press and hold the power button (usually located on the side or top) until the FLIR logo appears on the screen.
- **To Power Off:** Press and hold the power button until a shutdown prompt appears, then confirm. Alternatively, a quick press may put it into standby mode.

Navigation and Menu

The VS80 features intuitive controls for navigating menus and adjusting settings. Use the directional pad and selection

buttons to move through options and confirm choices.



Image: The FLIR VS80 Videoscope Screen showing a thermal overlay, demonstrating its advanced imaging modes for detailed analysis.

Capturing Images and Videos

1. **Live View:** Ensure the probe is connected and positioned to view the area of interest.
2. **Capture Image:** Press the dedicated camera button (often marked with a camera icon) to take a still photograph. The image will be saved to the SD card.
3. **Record Video:** Press the video record button (often marked with a red dot or video camera icon) to start recording. Press it again to stop recording. Videos are also saved to the SD card.
4. **Review Media:** Access the gallery or playback mode from the main menu to review captured images and videos.



Image: The FLIR VS80 Videoscope Screen displaying a high-resolution visual inspection, ideal for plumbing and ductwork.

MAINTENANCE

Cleaning the Device

- **Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, a screen cleaner designed for electronics can be used sparingly. Avoid abrasive materials.
- **Body:** Wipe the body of the VS80 with a damp cloth. Do not use harsh chemicals or solvents.
- **Probe (if applicable):** Refer to the specific probe's manual for cleaning instructions. Ensure the probe tip is free of debris for clear imaging.

Storage

When not in use, store the FLIR VS80 Videoscope Screen in its protective case in a cool, dry place, away from direct sunlight and extreme temperatures. Remove the SD card if storing for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery or no charge.	Connect to power source and charge for at least 2 hours.
No image from probe.	Probe not connected securely or faulty probe.	Ensure probe is fully inserted. Test with another compatible probe if available.

Problem	Possible Cause	Solution
Cannot save images/videos.	SD card full, not inserted, or corrupted.	Check SD card insertion. Delete old files or replace SD card. Format SD card (this will erase all data).
Screen is frozen.	Software glitch.	Perform a soft reset by holding the power button for 10-15 seconds until the device restarts.

SPECIFICATIONS

Feature	Detail
Model Number	VS80
Product Dimensions	9.84 x 5.91 x 1.97 inches; 33.07 Pounds
Batteries	1 AAA batteries required (included)
Manufacturer	FLIR
Country of Origin	Taiwan
ASIN	B0B25V5P9S
First Available Date	May 24, 2022

WARRANTY AND SUPPORT

Warranty Information

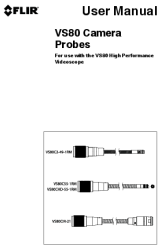





The FLIR VS80 Videoscope Screen comes with a **Limited 3-Year Warranty**. Please retain your proof of purchase for warranty claims. For full details on warranty coverage, limitations, and procedures, refer to the official FLIR warranty documentation or visit the FLIR website.

Customer Support

For technical assistance, service, or additional information, please contact FLIR customer support. You can find contact details and support resources on the official FLIR website:

[Visit FLIR Support Website](#)

When contacting support, please have your product model (VS80) and ASIN (B0B25V5P9S) ready.

 <p>FLIR User Manual VS80 Camera Probes For use with the VS80 High Performance Videoscope</p>	<p>FLIR VS80 Camera Probes User Manual</p> <p>User manual for FLIR VS80 Camera Probes, detailing specifications, connection, safety, and warranty information for use with the VS80 High Performance Videoscope. Includes model numbers VS80C2-49-1RM, VS80C55-1RM, VS80CHD-55-1RM, and VS80CIR-21.</p>
 <p>Advanced Test Equipment Corp. FLIR E60 Accessory Kit List of Accessories</p>	<p>FLIR E60 Accessory Kit: Comprehensive List of Thermal Camera Accessories</p> <p>Detailed list of accessories for the FLIR E60 thermal imaging camera, including cases, cables, power supplies, chargers, batteries, memory cards, and documentation from Advanced Test Equipment Corp.</p>
 <p>FLIR iXX-Series App-Enabled Thermal Camera with LTE Datasheet</p>	<p>FLIR iXX-Series App-Enabled Thermal Camera with LTE Datasheet</p> <p>Detailed specifications and features for the FLIR iXX-Series App-Enabled Thermal Camera with LTE, including IR resolution, sensitivity, FOV, applications, and physical data.</p>
 <p>FLIR User's manual FLIR Ex series</p>	<p>FLIR Ex Series User Manual</p> <p>User manual for the FLIR Ex series thermal cameras, covering setup, operation, features, maintenance, and safety information. Learn how to use your FLIR Ex camera effectively.</p>
 <p>FLIR User's manual FLIR GFx3xx series</p>	<p>FLIR GFx3xx Series User's Manual: Optical Gas Imaging Camera</p> <p>Comprehensive user's manual for the FLIR GFx3xx series optical gas imaging camera, detailing its features, operation, safety guidelines, and technical specifications for use in explosive atmospheres.</p>
 <p>FLIR User's manual FLIR ONE Edge series</p>	<p>FLIR ONE Edge Series User Manual</p> <p>Comprehensive user manual for the FLIR ONE Edge series, detailing setup, operation, safety guidelines, and troubleshooting for the mobile thermal camera accessory.</p>