



FLIR VS80™

check out the flir vs80 videoscope on Acutest Direct

High-Performance Videoscope

www.flir.com/products/VS80



Key Features

- Inspect hard-to-reach and difficult-to-access components without disassembling equipment or damaging structures
- Choose from seven different probe options including thermal and two- and four-way articulating probes for the widest range of inspections
- Make historical or standard image comparisons easily with unique live reference image comparison
- Capture up to 1280 × 720 HD resolution in both still images and videos. Comment on your findings with both voice and text annotations
- Inspect for up to eight hours without recharging the battery

Main Applications

- Survey inside HVAC systems, pipes, and electrical conduits without the need to disassemble the components being inspected
- Inspect vehicle engines for carbon deposits and signs of wear, transmissions and gear boxes for signs of component failure as well as other difficult to access areas within the vehicle
- Inspect industrial gearboxes, motors, and other equipment that is difficult to access to identify potential failures

SPECIFICATIONS

FLIR VS80 (Display Only)	
Touchscreen Size (diagonal)	178 mm (7 in)
Display Resolution	1024 × 600
Battery Life	8 hours
Data Capture Modes	JPEG, video, photo comments, voice comment
2nd Video Screen Capable	Yes, HDMI
Live Reference Image Comparison	On screen side-by-side
Wireless Mobile App Compatibility	FLIR Tools Mobile
Text Image Annotation	Photo comments
Voice Annotation	Audio headset included
Data Transfer	USB, micro SD, wireless (Wi-Fi)
Memory	Up to 64 GB micro SD (32 GB micro SD card included)
Warranty	3 Year
Operating Temperature	-10°C to 60°C (14°F to 140°F)
Operating Humidity	10-95% Non-Condensing
FLIR VS80 Camera Probes	
Number of Probe Options	7
HD Camera Resolution	1280 × 720
General Purpose Probe Options	Standard & high definition
Dual View (Front/Side) Probe Option	High definition
2-Way Articulating Probe Option	Standard definition

4-Way Articulating Probe Option	High definition
Pipe Inspection Probe Option	25 m (82 ft) long
Visual Probe FOV	90° typical
Visual Probe Depth of Field	10 mm to infinity
Thermal Camera Option	160 × 120 (19,200 pixels) IR resolution

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

VS80-IR21



For technical or sales support, please visit:
www.flir.com/about/general-inquiries

This product is subject to United States export regulations and may require US authorization prior to export, reexport, or transfer to non-US persons or parties. Diversion contrary to US law is prohibited.

For assistance with confirming the Jurisdiction & Classification of Teledyne FLIR, LLC products, please contact exportquestions@flir.com. ©2024 Teledyne FLIR, LLC. All rights reserved.

Revised 11/12/24
VS80-Datasheet-LTR 24-0579-INS



FLIR VS80™

High-Performance Videoscope

www.flir.com/products/VS80

ORDERING INFO

VS80	VS80 Videoscope Screen (No Camera Probes)
Complete Kits	
VS80-KIT-1	General Purpose Videoscope Kit with 5.5 mm × 1 m long probe
VS80-KIT-2	Videoscope Kit with 2-Way Articulation 4.5 mm × 1 m long probe
VS80-KIT-5	Videoscope Kit with Plumbing Spool and 10 mm × 25 m long probe
VS80-KIT-6	Videoscope Kit with HD 5.5 mm × 1 m long probe
VS80-KIT-7	Videoscope Kit with Dual HD Camera Probe 4.9 mm × 3 m long
VS80-KIT-8	Videoscope Kit with HD 4-Way Articulating Camera Probe 3.9 mm × 2 m long
VS80-IR21	Videoscope Kit with IR Thermal 19 mm × 1 m long probe

What's in the Box? Kit Contents

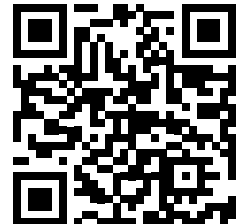
Each kit includes a VS80 High-Performance Videoscope, camera probe, neck strap, hand straps, audio headset, removable/retractable sun visor, power adapter with AC plugs (for US, UK, EU, AUS), heavy duty shipping/carrying case, 32 GB microSD memory card, USB C to USB A cable, micro HDMI to HDMI video cable, and Quick Start Guide

Camera Probes (sold separately)	
VS80A4HD-39-2RM	VS80 HD 4-way Articulating Camera Probe 3.9 mm × 2 m long
VS80A2-45-1RM	VS80 2-way Articulating Camera Probe 4.5 mm × 1 m long
VS80C2HD-49-3RM	VS80 Dual HD Camera Probe 4.9 mm × 3 m long
VS80CHD-55-1RM	VS80 HD Camera Probe 5.5 mm × 1 m long
VS80C55-1RM	VS80 Camera Probe 5.5 mm × 1 m long
VS80C10-25RM	VS80 Plumbing Spool and Camera Probe 10 mm × 25 m long
VS80CIR-21	VS80 160 × 120 IR Thermal Camera Probe 19 mm × 1 m long



VS80-KIT-7

For more information about
FLIR VS80, please scan or
visit:



For technical or sales support, please visit:
www.flir.com/about/general-inquiries

This product is subject to United States export regulations and may require US authorization prior to export, reexport, or transfer to non-US persons or parties. Diversion contrary to US law is prohibited.

For assistance with confirming the Jurisdiction & Classification of Teledyne FLIR, LLC products, please contact exportquestions@flir.com. ©2024 Teledyne FLIR, LLC. All rights reserved.

Revised 11/12/24
VS80-Datasheet-LTR 24-0579-INS