



Key Features

- Inspect hard-to-reach and difficult-to-access components without disassembling equipment or damaging structures
- Choose from 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 Meterlink app
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	
HD Camera Resolution	1280 × 720
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	30 m (98 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



VS80-IR21

Ordering Information

VS80	VS80 Videoscope Screen (No Camera Probes)
Complete Kits	
VS80-KIT-1	General Purpose Videoscope Kit with 5.5 mm x 1 m long probe
VS80-KIT-2	Videoscope Kit with 2-Way Articulation 4.5 mm x 1 m long probe
VS80-KIT-6	Videoscope Kit with HD 5.5 mm x 1 m long probe
VS80-KIT-7	Videoscope Kit with with Dual HD Camera Probe 4.9 mm x 3 m long
VS80-KIT-8	Videoscope Kit with HD 4-Way Articulating Camera Probe 3.9 mm x 2 m long
VS80-KIT-9	Videoscope Kit with Plumbing Spool 30 mm x 30 m long Probe and Sonde
VS80-KIT-10	Videoscope Kit with Plumbing Spool and 512 Hz Pipe Locator
VS80-IR21	Videoscope Kit with IR Thermal 19 mm x 1 m long probe

Camera Probes and Locator (sold separately)	
VS80A4HD-39-2RM	VS80 HD 4-way Articulating Camera Probe 3.9 mm x 2 m long
VS80A2-45-1RM	VS80 2-way Articulating Camera Probe 4.5 mm x 1 m long
VS80C2HD-49-3RM	VS80 Dual HD Camera Probe 4.9 mm x 3 m long
VS80CHD-55-1RM	VS80 HD Camera Probe 5.5 mm x 1 m long
VS80C55-1RM	VS80 Camera Probe 5.5 mm x 1 m long
VS80C30HD-30RM	VS80 Plumbing Spool and Camera Probe 30 mm x 30 m Long and Sonde Transmitter
VS80-LCT-1	VS80 512 Hz Pipe Locator Receiver for Plumbing Spool
VS80CIR-21	VS80 160 x 120 IR Thermal Camera Probe 19 mm x 1 m long

What's in the Box?

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



- VS80A4HD-39-2RM
- VS80A2-45-1RM
- VS80C2HD-49-3RM
- VS80CHD-55-1RM
- VS80C55-1RM
- VS80CIR-21
- VS80C30-30RM



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. ©2025 Teledyne Flir, LLC. All rights reserved.

Revised 07/31/25
FLIR VS80 Datasheet_LTR_en-US 25-0310-INS