

# FLIR VS80™ SERIES

High-Performance Videoscope



## VS80 Camera Probes



The FLIR VS80 is a versatile, professional videoscope that you can rely on when inspecting locations that are difficult or unsafe to access. Seven unique compatible probes\* with waterproof (IP67) camera tips are available to give you flexibility for virtually any type of inspection. Options include: a 160 × 120 thermal camera, 2-way and 4-way articulating visual camera, 25 m plumbing spool, high-definition (HD) camera, and dual HD camera probe. With one or more of the VS80 camera probes, you can perform a wide range of inspections including industrial equipment maintenance, HVAC/R, building, and automotive applications. Easily maneuver the narrow camera probes into small openings and tight spaces, and view sharp, vivid images and videos from the large, 7-inch touchscreen display. Using the FLIR Tools Mobile app from a mobile device, you can view saved images and video from the VS80, download files, and share them easily with customers or colleagues.

\*Sold separately, or as a kit (see ordering section on next page)

VS80-IR21



[www.flir.com/VS80](http://www.flir.com/VS80)

### IMPROVE INSPECTION SPEED

Inspect hard-to-reach components without disassembling equipment

- Simultaneously view live camera image and a saved image side by side on the large 7-inch display to easily compare changes since last inspection
- Work for 8+ hours without recharging the battery
- View detailed imagery with 10 mm to infinity visual probe depth of field
- VS80 screen includes a kickstand, neck strap, and tripod mount, allowing you to keep your hands free to manipulate the probe during an inspection while still viewing the display

### VERSATILE, RUGGED, AND RELIABLE

Catch degrading components prior to failure

- Choose from 7 small-diameter probe options to respond to any inspection requirement, including HD and dual HD probes
- Probe options include a thermal camera, 2-way and 4-way articulating cameras, and a plumbing probe, allowing you to inspect places your old videoscope cannot
- The VS80 display is durable to withstand a 2 m drop and splashproof (IP54 rated); probe tips are waterproof (IP67 rated)
- Install the sun visor when using the VS80 outdoors and in other environments where bright light makes it difficult to see the screen

### IDENTIFY, DOCUMENT, AND SHARE

Report your findings quickly and easily

- View live video on an external monitor or screen using the HDMI output
- Capture up to 1280 × 720 HD resolution still images and video (with audio)
- Record voice annotations over video and add text notes to saved images
- Quickly create reports using FLIR Thermal Studio or your preferred reporting software, and share findings with team members to prioritize repairs

SPECIFICATIONS

FLIR VS80 (Display Only)

|                                   |   |
|-----------------------------------|---|
| Touchscreen Size (diagonal)       | 7 in (178 mm)                                       |
| 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     | Standard definition                     |
| Pipe Inspection Probe Option        | 25 m 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 are subject to change without notice.  
 For the most up-to-date specs, go to [www.flir.com/VS80](http://www.flir.com/VS80)

Ordering Information

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-3 | Videoscope Kit with Dual HD Camera 4.9 mm × 1 m long probe     |
| VS80-KIT-4 | Videoscope Kit with 4-Way Articulation 6.0 mm × 2 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-IR21  | Videoscope Kit with IR Thermal 19 mm × 1 m long probe          |

Screen and Camera Probes (sold separately)

|                |   |
|----------------|---|
| VS80           | VS80 Videoscope Screen (No Camera Probes)               |
| VS80CIR-21     | VS80 160 × 120 IR Thermal Camera Probe 19 mm × 1 m long |
| VS80C55-1RM    | VS80 Camera Probe 5.5 mm × 1 m long                     |
| VS80A2-45-1RM  | VS80 2-way Articulating Camera Probe 4.5 mm × 1 m long  |
| VS80A4-60-2RM  | VS80 4-way Articulating Camera Probe 6.0 mm × 2 m long  |
| VS80C10-25RM   | VS80 Plumbing Spool and Camera Probe 10 mm × 25 m long  |
| VS80CHD-55-1RM | VS80 HD Camera Probe 5.5 mm × 1 m long                  |
| VS80C2-49-1RM  | VS80 Dual HD Camera Probe 4.9 mm × 1 m long             |

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

VS80-KIT-3



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