



### 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)                                |
| <b>Complete Kits</b> |                                                                          |
| 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-6           | Videoscope Kit with HD 5.5 mm × 1 m long probe                           |
| VS80-KIT-7           | Videoscope Kit with 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-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 × 1 m long probe                    |

|                                                    |                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------|
| <b>Camera Probes and Locator (sold separately)</b> |                                                                              |
| 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 × 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 × 1 m long                                       |
| VS80C55-1RM                                        | VS80 Camera Probe 5.5 mm × 1 m long                                          |
| VS80C30HD-30RM                                     | VS80 Plumbing Spool and Camera Probe 30 mm × 30 m Long and Sonde Transmitter |
| VS80-LCT-1                                         | VS80 512 Hz Pipe Locator Receiver for Plumbing Spool                         |
| VS80CIR-21                                         | VS80 160 × 120 IR Thermal Camera Probe 19 mm × 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

