

P/N: VS70-3-W

# FLIR VS70: Wireless Articulation Camera Videoscope Combo



## [High-res image, RGB color space, 1000 px wide](#)

The Wireless Articulation Combo kit includes the VS70, a wireless handset, and a dedicated 6 mm long-focus camera with two-way articulation on a 1 m semi-rigid cable. The kit provides an increased viewing distance and greater internal camera control.

|                                    |                                       |
|------------------------------------|---------------------------------------|
| SAP description                    | Wireless Articulation Combo           |
| Kit contents                       | VS70 + VSA2-1-W                       |
| <b>VS70 main unit general data</b> |                                       |
| LCD screen                         | 145 mm (5.7"), 135 mm (5.3") viewable |
| Active matrix                      | Active matrix, 640 × 480 pixels       |
| Memory type                        | SD card 4 GB included (32 GB maximum) |
| Compression format                 | MPEG4                                 |
| Still image format                 | JPEG (640 × 480 pixels)               |
| Video recording format             | AVI (640 × 480 pixels)                |
| Video output format                | NTSC and PAL, frame rate 30 fps       |
| Multi-language menu                | Yes                                   |

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|----------------------|---|
| Receiver frequency   | 2.4 GHz   |
| Receiver sensitivity | -87 dBm (SNR = 42 dB, Fmod = 15)  |
| Data/video           | Mini USB 1.1 and AV out   |
| Audio                | Earphone plug, 3.5 mm, 4 rings  |
| Speaker              | 15 mm, 32 $\Omega$ , 20Hz to 20 kHz   |
| Microphone           | Boom microphone 6 mm $\times$ 5 mm (0.24" $\times$ 0.2"), total length 10 cm (3.9"), wire length 1.2 m (3.9') |
| Tripod mount         | On rear, accepts standard tripod screw  |
| Certifications       | FCC, CE   |
| Warranty             | 2 years, see website for details  |

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| <b>VS70 main unit power system</b>       |   |
| Battery                                  | 3.7 V rechargeable lithium polymer                                      |
| Battery life                             | 6–8 hours   |
| Power adapter                            | 100–240 V input/5 V DC output   |
| Battery status indication                | Progressive with auto power off (APO)                                   |
| <b>VS70 main unit environmental data</b> |   |
| IP rating                                | 67  |
| Drop test                                | 2 m   |
| Operating temperature                    | -10 to 60°C (14 to 140°F)   |
| Operating humidity                       | 80% maximum   |
| Storage temperature                      | -40 to 80°C (-40 to 176°F)  |
| <b>VS70 main unit physical data</b>      |   |
| Product weight                           | 1.57 kg (3.46 lb.), including batteries                                 |
| Product dimensions                       | 241 mm $\times$ 178 mm $\times$ 70 mm (9.5" $\times$ 7" $\times$ 2.75") |
| Material                                 | PC-ABS, rubber hand grip, nylon strap                                   |

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| <b>VS70 main unit physical data</b>  |   |
| Color  | Gray and black                            |
| <b>Camera VSA2-1-W (wireless two-way 6 mm articulated camera with 1 m probe)</b> |   |
| Diameter   | 6 mm                                      |
| Resolution   | VGA (640 × 480 pixels)                    |
| Probe length   | 1 m                                       |
| Focal length   | 65 mm to infinity                         |
| Field of view  | 56°                                       |
| Articulation   | Two-way 240 ± 20° manual tip articulation |
| Integrated handset   | Yes                                       |
| Wireless capabilities  | Yes, 2.4 GHz to main unit                 |
| Compatible main unit   | VS70                                      |
| Compatible wireless handset  | N/A                                       |
| Compatible detachable cameras  | N/A                                       |
| Warranty   | 2 years                                   |
| Imaging sensor   | CMOS                                      |
| Video format   | NTSC                                      |
| Brightness control   | Manual with variable options              |
| Lamp type  | LED                                       |
| Operating temperature  | -10°C to 50°C (14 to 122°F)               |
| Power requirements   | N/A                                       |
| <b>VSA2 power system</b>   |   |
| Power requirements   | Integrated rechargeable battery           |
| Run time   | 2 hours continuous use                    |

| <b>VSA2 power system</b>         |  |
|----------------------------------|--|
| Auto power off                   | No   |
| Power adapter                    | 100–240 V input/5 V DC output  |
| <b>Shipping information</b>      |  |
| Packaging type                   | Brown shipping box over hard case  |
| Packaging contents               | VS70 main unit, VSA2-1-W (wireless two-way 6 mm articulated camera with 1 m probe), VSA-60 (6 mm camera accessories: mirror, anti-snap tip, magnet), patch cable, 4 GB SD card, USB/video out cables, power adapters, vehicle charger, headset, neck strap, cleaning kit, VS-HC (VS70 hard case with camera storage), and user manual (printed English and translated on CD) |
| Packaging weight                 | 7.5 kg   |
| Packaging dimensions (H × W × L) | 53 cm × 43.5 cm × 22 cm  |
| Carton weight                    | 16 kg  |
| Carton dimensions (H × W × L)    | 55 cm × 46.5 cm × 46 cm  |
| Carton quantity                  | 2  |
| EAN-13                           | 0793950400753  |
| UPC-12                           | 793950400753   |
| Country of origin                | TW   |
| Tariff code                      | 9013809000   |
| <b>Technical support</b>         |  |
| Website                          | <a href="http://support.flir.com">http://support.flir.com</a>  |
| E-mail                           | <a href="mailto:TMsupport@flir.com">TMsupport@flir.com</a>   |
| Phone                            | 855-499-3662   |

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| <b>Technical support</b>                 |  |
| Repairs                                  | <a href="mailto:repair@flir.com">repair@flir.com</a>   |
| <b>Documentation</b>                     |  |
| Manual languages (on CD and web)         | Czech, Danish, German, Greece, English (US), Spanish (Spain), Finnish, French (France), Hungarian, Italian, Japanese, Korean, Bokmal Norwegian (Norway), Dutch Flemish (Netherlands), Polish, Portuguese (Portugal), Russian, Swedish, Chinese, Chinese (Taiwan) |
| <b>Suggested cameras and accessories</b> |  |
| VST                                      | Wireless handset   |
| VS-2PC                                   | 2 m patch cable  |
| VSA2-1-W                                 | Wireless two-way 6 mm articulated camera with 1 m probe  |
| VSC65-17S                                | 17" stainless steel rigid probe  |
| <b>Compatible cameras full list</b>      |  |
| VSA2-2M-W                                | Wireless two-way 6 mm articulated camera with 2 m probe via SF   |
| VSA2-2-W                                 | Wireless two-way 6 mm articulated camera with 2 m probe  |
| VSA2-1M-W                                | Wireless two-way 6 mm articulated camera with 1 m probe via SF   |
| VSA2-2                                   | Two-way 6 mm articulated camera with 2 m probe   |
| VSA2-2M                                  | Two-way 6 mm articulated camera with 2 m probe via SF  |
| VSA2-1                                   | Two-way 6 mm articulated camera with 1 m probe   |
| VSA2-1M                                  | Two-way 6 mm articulated camera with 1 m probe via SF  |
| VSC2-58-1FM                              | Two-channel camera, 5.8 mm diameter 1 m probe  |
| VSC58-30M                                | 5.8 mm camera with 30 m FG probe—QVGA via SF   |
| VSC58-20M                                | 5.8 mm camera with 20 m FG probe—QVGA via SF   |
| VSS-30                                   | 30 m plumbing spool  |
| VSS-20                                   | 20 m plumbing spool  |

| <b>Suggested cameras and accessories</b> |   |
|--|---|
| VSC28                                    | 28 mm camera head for spool                   |
| VSC25                                    | 25 mm camera head for spool                   |
| VS-BR25                                  | Centering brush for VS70 camera probes        |
| VS-BR28                                  | Centering brush for VS70 camera probes        |
| VS-RB                                    | Replacement centering brush                   |
| VSC65-12S                                | 12" stainless steel rigid probe               |
| VSC41-2RM                                | 4.1 mm camera with 2 m SR probe—QVGA via SF   |
| VSC39-1FM                                | 3.9 mm camera with 1 m flex probe—QVGA via SF |
| VSC58-2R                                 | 5.8 mm camera with 2 m SR probe—VGA via LF    |
| VSC58-2RM                                | 5.8 mm camera with 2 m SR probe—VGA via SF    |
| VSC58-1R                                 | 5.8 mm camera with 1 m SR probe—VGA via LF    |
| VSC58-1RM                                | 5.8 mm camera with 1 m SR probe—VGA via SF    |
| VSC80-2R                                 | 8 mm camera with 2 m SR probe—VGA via LF      |
| VSC80-1R                                 | 8 mm camera with 1 m SR probe—VGA via LF      |