EXTECH INSTRUMENTS
A FLIR COMPANY

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PRODUCT DATASHEET

High Definition VideoScope Inspection Cameras

Narrow diameter cameras with 5.7" High Definition Color LCD Monitor*

Deliver high image resolution on large color display where images and videos can be stored on SD memory card (included)

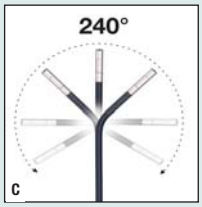


Features:

- **Model HDV610** - 5.5mm diameter camera head with 1m flexible cable
  Model HDV620 - 5.8mm diameter camera head with 1m semi-rigid cable
- 5.7" color LCD* TFT with high definition 640 x 480 VGA pixel resolution
- Mini, high-resolution water-proof (IP57) camera head
- Rugged oil/chemical resistant and water/drop proof housing (IP67/2m)
- Non-slip ergonomic handles for ambidextrous use
- SD memory card included to store >15,000 images
- Video recording (up to 4 hours) with Voice annotation
- AV output for viewing images and video directly on a monitor
- Video and images can be transferred to a PC via the SD card or USB output
- An optional wireless transmitter (HDV-WTX) connects to your camera cable and allows you to transmit video up to 100ft (30m) from the measurement point to your monitor







A. Camera with 4 built-in bright LED lights illuminate dark areas.
B. HDV-WTX — Optional Wireless Transmitter transmits video to the main display from tight or hard to reach places up to 100ft (30m) away
C. Optional Articulating (6mm diameter) camera probes adjust up to 240° viewing angle (see below for ordering)

Specifications	
Camera	
Minimum Focus distance	2.36" (60mm); macro: 0.59" (15mm)
Field of View	65°
Shaft diameter	HDV610: 0.22" (5.5mm) HDV620: 0.23" (5.8mm)
Working length	39" (1m)
Borescope	
*LCD Color TFT Display	5.7" (14.5cm) size; 5.3" (13.5cm) viewable
Pixels	640 x 480 VGA pixel resolution (320 x 240 for 4mm camera)
Frame Rate	30 fps frame rate (NTSC & PAL)
SD Card	2GB SD memory card included (supports up to 32GB SD storage)
Operating	up to 4 hours AVI video

Ordering Information:

HDV610 .....High Definition VideoScope (5.5mm diameter/1m Flexible Cable)
HDV620 .....High Definition VideoScope (5.8mm diameter/1m Semi-Rigid Cable)

Video Inspector Monitor (order camera head separately from accessories listed below)
HDV600 .....High Definition VideoScope (Monitor and hard carrying case only)

Optional camera accessories
HDV-TX1 .....6mm Articulating VideoScope Camera Head with Macro lens and 1m Semi-Rigid Cable
HDV-WTX1 .....6mm Wireless Articulating VideoScope Camera Head w/Macro lens & 1m Semi-Rigid Cable
HDV-TX2 .....6mm Articulating VideoScope Camera Head w/Macro lens and 2m Semi-Rigid Cable
HDV-WTX2 .....6mm Wireless Articulating VideoScope Camera Head w/Macro lens & 2m Semi-Rigid Cable
HDV-4CAM-1FM .....4mm VideoScope Camera Head with Macro lens and 1m Flexible Cable
HDV-4CAM-5FM .....4mm VideoScope Camera Head with Macro lens and 5m Flexible Cable
HDV-5CAM-1FM .....5.5mm VideoScope Camera Head with Macro lens and 1m Flexible Cable
HDV-5CAM-3F .....5.5mm VideoScope Camera Head with long depth of field and 3m Flexible Cable
HDV-5CAM-3FM .....5.5mm VideoScope Camera Head with Macro lens and 3m Flexible Cable
HDV-5CAM-30FM ...5.5mm VideoScope Camera Head with Macro lens and 30m Flexible Cable
HDV-5CAM-10F .....5.5mm VideoScope Camera Head with long depth of field and 10m Flexible Cable
HDV-5CAM-1R .....5.8mm VideoScope Camera Head with long depth of field and 1m Semi-Rigid Cable
HDV-5CAM-1RM .....5.8mm VideoScope Camera Head with Macro lens and 1m Semi-Rigid Cable
HDV-5CAM-3R .....5.8mm VideoScope Camera Head with long depth of field & 3m Semi-Rigid Cable
HDV-5CAM-3RM .....5.8mm VideoScope Camera Head with Macro lens and 3m Semi-Rigid Cable
HDV-25CAM-10G ....25mm VideoScope Camera Head with long depth of field and 10m Fiberglass Cable
HDV-25CAM-30G ....25mm VideoScope Camera Head with long depth of field and 30m Fiberglass Cable
HDV-WTX .....Wireless Transmitter
HDV-PC .....Spare Patch Cable for HDV Series
ADPTR-HDV .....Replacement AC Adaptor

HDV610 and HDV620 Include:

- VideoScope, SD memory card, handset with camera probe and 1m cable (Probe accessories: magnet, 45° mirror, and anti-snag tip), 3.7V rechargable Li-Polymer battery, patch cable, Universal AC adapter (110-240V, four plugs), USB and AV cables, and hard carrying case

Applications:

- Industrial Processing & Manufacturing
- Heavy Equipment
- HVAC/Boilers
- Aerospace
- Government & Security
- Insurance
- Mining and Aggregate
- Aviation AOG and FBO
- Power Generation
- Building Inspection & Commissioning
- PetroChem/Refineries
- Infrastructure



Camera probes with cable length greater than 3m will be coiled on a spool as shown on the left.

IP67 Waterproof Dustproof

CE

Specifications subject to change without notice.
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