

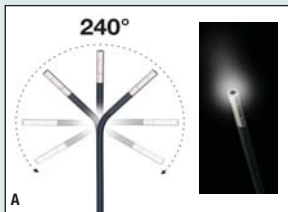
# High Definition Articulating VideoScope

**6mm diameter camera with 240° articulating tip for best viewing angle**

Easy one-hand operation of the articulating camera tip facilitates viewing in obstructed areas where standard camera tips cannot access. Images and videos are viewed on the large high resolution color display and can be stored in SD memory card (included)

## Features:

- 6mm diameter camera head with 1m semi-rigid cable retains configured shape and 240° camera probe rotation
- 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



- A.** Articulating (6mm diameter) camera tip adjusts up to 240° viewing angle with four 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

## Specifications

Camera	
Minimum Focus distance	2.36" (60mm); macro: 0.59" (15mm)
Field of View	65°
Shaft diameter	0.24" (6mm)
Working length	39" (1m)
Camera Tip bending	240° (120° left, 120° right)
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:

**HDV640** .....High Definition Articulating VideoScope (6mm 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

Contact:  
Industrial Process Measurement, Inc.  
3910 Park Avenue, Unit 7  
Edison, NJ 08820  
732-632-6400  
support@instrumentation2000.com  
http://www.instrumentation2000.com

## HDV640 Includes:

- VideoScope, SD memory card, handset with articulating camera probe and 1m cable (Probe accessories: magnet, 45° mirror, and anti-slug tip), 3.7V rechargeable 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.

