

## High Definition VideoScope Inspection Camera Kits



**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 kit** - HDV600 VideoScope and 5.5mm diameter camera head with 1m flexible cable
- **Model HDV620 kit** - HDV600 VideoScope and 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



Specifications	
<b>Camera</b>	
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)
<b>Borescope</b>	
*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

**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)

### Ordering Information:

- HDV610 .....High Definition VideoScope Kit (5.5mm diameter/1m Flexible Cable)  
 HDV620 .....High Definition VideoScope Kit (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  
 BRD10 .....Wireless USB Video Receiver

### HDV610 & HDV620 kits include:

- VideoScope HDV600, SD memory card, handset with 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.

