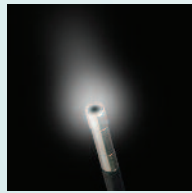


HDV600 Series High Definition VideoScope Inspection Cameras



Drop proof and Waterproof housing meets IP67 standards



Camera with four built-in bright LED lights illuminate dark areas



Articulating (6mm diameter) camera tip adjusts up to 320° viewing angle



The Issue

Installation, inspection and diagnostic jobs often require access to hard-to-reach or -see areas. Professionals from a wide range of industries (Home Inspection, HVAC, Automotive, Government, Construction, Industrial, Aerospace) need video inspection borescope cameras for a variety of jobs: inspecting wall cavities for moisture, insect infestation, electrical wiring and water pipe location; inspecting ducts and obscured areas behind motors and compressors; automotive access around tight engine bays; safety and security inspections, weld inspections, and industrial machinery inspections (gearboxes, molding machines, cylinder bores, etc.).

The Solution

Extech Instruments has introduced the HDV600 Series High Definition VideoScope Inspection Cameras specifically for these applications. Designed for use in virtually any environment, these rugged, waterproof (IP67) and drop-proof (2m) industrial VideoScopes deliver images and video with remarkable sharpness and clarity. The new cameras are designed to be intuitive and easy to use for new and experienced users alike.

The HDV600 main display unit features a large 5.7" TFT LCD monitor that is easy to view in bright outdoor sites, cramped and poorly lit industrial spaces, or aircraft maintenance facilities. The large display, coupled with quality optics, helps ensure you identify the most minute features or defects during inspections. You can capture and store nearly 15,000 images or up to 4 hours of video on an easy to transfer SD memory card. Plus, audio annotations can be added to images helping to minimize or eliminate paper note-taking.

Users may attach a number of cameras with semi-rigid, flexible, and long-length fiberglass cables directly to the display unit. And, for expanded inspection capabilities, articulating models are also available. Easy to hold for extended periods, articulating models are available with wired connections to the main display unit and also wireless models for scope use up to 100ft (30m) away from the display. Articulated controller handsets feature 6 millimeter cameras and a large, glove-friendly, articulation control knob with adjustable resistance. With easy and precise control of the three-hundred-twenty-degree articulated camera tip, these models simplify inspections of detail-intensive equipment.

Extech's HDV600 VideoScope family offers a wide range of handset, optical, and scope length configurations ensuring you select the best combination for your requirements. As your needs change, Extech's modular and upgradeable design makes it easy to adapt your VideoScope to tackle tomorrow's newest challenge.

Specifications

Borescope Monitor

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|-----------------|-----------------------------|
| LCD Screen Type | 5.7" color TFT |
| Pixels | 640 x 480 (High Definition) |
| SD Card | 1GB (included) |
| Operating | 4 hours |

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) |
| | HDV640(W): 0.24" (6mm) |
| Working length | 39" (1m) |

Ordering Information:

Video Inspection Kits

| | |
|---------------|---|
| HDV610 | High Definition VideoScope (5.5mm diameter/1m Flexible Cable) |
| HDV620 | High Definition VideoScope (5.8mm diameter/1m Semi-Rigid Cable) |
| HDV640 | High Definition Articulating VideoScope (6mm diameter/1m Semi-Rigid Cable) |
| HDV640W | High Definition Wireless Articulating VideoScope (6mm diameter/1m Semi-Rigid Cable) |

Video Inspector Monitor (order camera head separately from accessories list below)

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|--------------|--|
| HDV600 | High Definition VideoScope (Meter and hard carrying case only) |
|--------------|--|

Optional camera accessories

| | |
|---------------------|--|
| HDV-TX1 | 6mm Articulating VideoScope Camera Head with 1m Semi-Rigid Cable |
| HDV-WTX1 | 6mm Wireless Articulating VideoScope Camera Head with 1m Semi-Rigid Cable |
| HDV-TX2 | 6mm Articulating VideoScope Camera Head with 2m Flexible Cable |
| HDV-WTX2 | 6mm Wireless Articulating VideoScope Camera Head with 2m Flexible 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-10F | 5.5mm VideoScope Camera Head with long depth of field and 10m Flexible Cable |
| HDV-5CAM-30FM | 5.5mm VideoScope Camera Head with Macro lens and 30m Flexible Cable |
| HDV-5CAM-1RM | 5.8mm VideoScope Camera Head with Macro lens and 1m Rigid Cable |
| HDV-5CAM-3R | 5.8mm VideoScope Camera Head with long depth of field and 3m Rigid Cable |
| HDV-5CAM-3RM | 5.8mm VideoScope Camera Head with Macro lens and 3m Rigid Cable |
| HDV-25CAM-10G | 25mm VideoScope Camera Head with 10m Fiberglass Cable |
| HDV-25CAM-30G | 25mm VideoScope Camera Head with 30m Fiberglass Cable |
| HDV-WTX | Wireless Transmitter |
| HDV-PC | Spare Patch Cable for HDV Series |