

HDV700 Series High-Performance Videoscope



The HDV700 is a versatile and lightweight professional videoscope that is designed for inspections in locations that are difficult or unsafe to access. With one or more of the eight waterproof (IP67) camera probes*, you can use the HDV700 for condition monitoring in manufacturing, HVAC/R, plumbing, building, and automotive applications. A range of small diameter and articulating camera probes are available to give you clear visibility of components from the 5-inch color touchscreen display. Easily maneuver the narrow probes into small openings without disassembling equipment. The HDV700 also features multiple data recording options so you can easily create reports at the job site by transferring images and videos to your laptop.

*Sold separately, or as a kit (see ordering section on next page)



HDV700 Series Features

- View clear, bright images with a wide field-of-view on the 5-inch color capacitive touchscreen
- Capture both still images and videos
- Gain access to difficult-to-see components without disassembling equipment
- Simultaneously view live camera image and a saved image side by side on the display to easily compare changes since last inspection
- Record voice annotations and photo notes for advanced reports
- Efficiently manage your inspection data using the Session and Tag feature
- Make it easy for a second person to inspect with you by connecting the display to a monitor using the HDMI video output
- Inspect comfortably using the display stand and tripod mount
- Immerse the IP67-rated camera probes in water at a depth up to 1 m (3.2 ft) for 30 minutes max
- Each kit is complete with a HDV700 Videoscope Screen, camera probe (model dependent on kit ordered), 32 GB Micro SD card, USB-A to USB-C cable, HDMI Type A to Type D cable, Li-ion rechargeable battery (built-in), and universal adapter (with US, UK, EU, and AUS plugs)



HDV700 Videoscope Screen (No Camera Probes)			
Display (Resolution)	5" color TFT (800 × 480)	Tripod Mount	UNC ¼"-20
Touchscreen (Backlight)	Capacitive touch (500 nits)	Power	5 V, 3 A DC with universal adapters (US, EU, UK, AU)
Image/Video Format	JPEG (1280 × 720)/MP4 (1280 × 720)	Drop Test	1 m (3.28 ft)
Voice and Text Annotation	Yes	IP Rating	Videoscope Screen: IP54 Camera probe: IP67
Video Output	Micro HDMI	Dimensions [W × H × D]	161.9 mm × 127.9 mm × 30 mm (6.38 in × 5.04 in × 1.18 in)
Data Communication Interface	USB-C, Micro SD	Weight	705 g (1.55 lb)
Storage Capacity	Up to 64 GB micro SD (32 GB microSD included)		
Battery Type (Life)	Rechargeable 3.6 V Li-ion (5 hours)		

HDV700 Series Camera Probes							
Model Number	Diameter	Length	Probe Flexibility	Resolution	Depth Of Field	Field of View	Direction of View
General Purpose							
HDV7C-55-HD-1	5.5 mm	1 m	Semi-rigid	1280 × 720	10 mm to infinity	90°	Forward
HDV7C-55-3	5.5 mm	3 m		640 × 480			
Dual View Inspection							
HDV7C-49-DUAL-1	4.9 mm	1 m	Semi-rigid	1280 × 720	10 mm to infinity	90°	Forward & Side
2-Way 180° Articulation Camera							
HDV7C-A2-39-HD-1	3.9 mm	1 m	Flexible, Stainless Steel Mesh	1280 × 720	10 mm to infinity	90°	Forward
HDV7C-A2-45-15	4.5 mm	1.5 m		640 × 480			
4-Way 110° Articulation Camera							
HDV7C-A4-60-1	6 mm	1 m	Flexible, Stainless Steel Mesh	640 × 480	10 mm to infinity	87.1°	Forward
HDV7C-A4-60-3	6 mm	3 m		640 × 480			
Pipe Inspection							
HDV7C-P28-30	28 mm	30 m	Fiberglass	640 × 480	10 mm to infinity	150°	Forward

Ordering

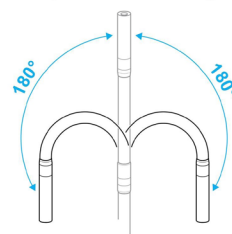
Complete Kits

HDV710Videoscope Kit with Semi-Rigid HD 5.5 mm × 1 m Camera Probe
 HDV720Videoscope Kit with Semi-Rigid Dual HD 4.9 mm × 1 m Camera Probe
 HDV730Videoscope Kit with HD Flexible 2-Way Articulating 3.9 mm × 1 m Camera Probe
 HDV740Videoscope Kit with Flexible 4-Way Articulating 6 mm × 1 m Camera Probe
 HDV750Videoscope Plumbing Kit with 28 mm Camera, 30 m Plumbing Spool and Probe Length Locator

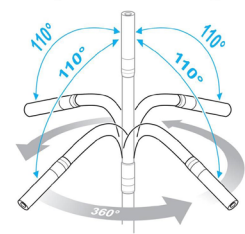
Screen and Camera Probes (sold separately)

HDV700HDV700 Videoscope Screen (No Probes)
 HDV7C-55-HD-1HD 5.5 mm × 1 m Camera Probe
 HDV7C-55-35.5 mm × 3 m Camera Probe
 HDV7C-49-DUAL-1Dual HD 4.9 mm × 1 m Camera Probe
 HDV7C-A2-39-HD-1HD 2-Way Articulating 3.9 mm × 1 m Camera Probe
 HDV7C-A2-45-152-Way Articulating 4.5 mm × 1.5 m Camera Probe
 HDV7C-A4-60-14-Way Articulating 6 mm × 1 m Camera Probe
 HDV7C-A4-60-34-Way Articulating 6 mm × 3 m Camera Probe
 HDV7C-P28-3028 mm Camera Probe with 30 m Plumbing Spool

2-Way Articulation Range



4-Way Articulation Range



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