

ARTICULATING VIDEO BORESCOPE



MULTIPLE DIAMETERS

Available in lengths from 1.0m to 8.0m to suit any application. All insertion tubes feature our patented EasyGlide, 4-layer Tungsten sheathing for smooth entry and exit, and are IP 67 rated for rugged durability.



ULTRA-PORTABLE DESIGN

No need for a separate monitor. Our lightweight, compact design has a built-in, full-color LCD display. All image capture, storage and processing is handled within the standalone unit, and the rechargeable Li-ion battery delivers up to 4 hours of cord-free run time.



DIRECT RESPONSE ARTICULATION

Designed for responsiveness and accuracy, the direct mechanical articulation never requires calibration, and the camera/LED module stays in place even when your thumb is removed from the joystick.



UNRIVALED SERVICE AND EXPERTISE

The VJ-3 is brought to you by the same team of borescope experts that changed the industry 10 years ago with the world's first mechanically articulating, joystick-controlled video borescope. Find out why we are still the #1 seller of borescopes in the US.

		VJ-3 - 2.8mm	VJ-3 - 3.9mm	VJ-3 - 6.0mm
INSERTION TUBE	Outer Diameter	2.8mm	3.9mm	6.0mm
	Length	1.0m	1.5m or 3.0m	1.5m, 3.0m, 5.0m, or 8.0m
	Exterior Material	Tungsten EasyGlide, crush-resistant		
	Chemical Compatibility	Water, machine oil, heating oil, diesel, 3.5% saline concentrate		
	Articulation Range	360° around, 140±10° backward	360° around, 180±10° backward	360° around, 160±10° backward
OPTICS	Field of View	84.8° x 84.8°	90° x 72°: 120°	80° x 60°: 100°
	Depth of Field	3.0mm - 50.0mm	3.0mm - 80.0mm	7.0mm - 80.0mm
	Effective Pixels	300,000 pixels	450,000 pixels	
	Illumination Method	4 Super high-intensity white LEDs	6 Super high-intensity white LEDs	
	Illumination Output	≤ 4,000lux	≤ 6,000lux	≤ 20,000lux
BASE UNIT	Display Monitor	3.5" IPS anti-glare LCD		
	Articulation Control	Thumb-actuated, mechanical rocker		
	Joystick Lock	Automatic		
	Brightness Control	6-step LED brightness adjustment		
	Control Buttons	Image capture, video capture, LED control, frame rotation, freeze frame, 4X zoom, menu access / navigation		
	Playback	Photos, videos (w/wo audio), thumbnail view		
	Audio / Microphone	3.5mm port		
	Internal storage	16GB SD Card / 10,000 photos or 8 hours video		
	Data I/O ports	SD card, micro USB, TV Out (NTCS / PAL)		
	Battery	One 18650B PCB-Protected Li-ion battery (replaceable)		
	AC Power (optional)	100V - 240V		
	Operating Method	One handed, portable		
Dimensions	13.0" x 12.0" x 4.5"			
Weight	2.2 lbs. / 1.0 kg			
MENU FUNCTIONS AND OPTIONS	User Interface	Drop down operating menu		
	File Management	Photo and video recording, playback, thumbnail preview, delete		
	Image Control	Image rotation, live freeze, zoom in/out		
	Image Format	JPEG, optional date and time stamp		
	Video Format	AVI, optional date and time stamp		
	Language	English, Spanish		
OPERATING LIMITS	Run Time	≤ 2.5 Hours	≤ 4 Hours	
	Operating Temp. Base Unit	-20 – 50°C, -5 – 120°F		
	Operating Temp. Insertion Tube	-10 – 50°C, 15 – 120°F		
	IP Rating, Insertion Tube	IP67		
	IP Rating, Base Unit	IP54		