

ARTICULATING VIDEO BORESCOPE



Full-Color, IPS Anti-Glare LCD Display

High-Capacity SD Storage and USB Connectivity

Joystick-Controlled, 360° Camera Articulation

Video Start-Stop

Ergonomic Pistol Grip Design

IP 54 Base Unit

Rechargeable Li-ion Battery 4 Hour Runtime

On-Board Image Processing

4X Digital Zoom

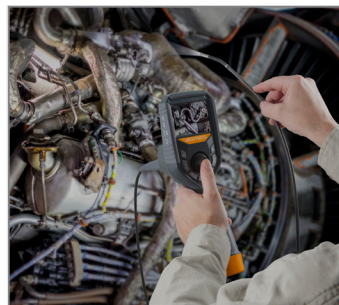
Image Capture Trigger

Tungsten Braided IP 67 Insertion Tube

Up To 20,000 Lux, 6-Stage LED Illumination

**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 1st mechanically articulating, joystick-controlled video borescope. Find out why we are still the #1 seller of borescopes in the US.

		VJ-3 - 2.2mm	VJ-3 - 2.8mm	VJ-3 - 3.9mm	VJ-3 - 6.0mm
INSERTION TUBE	Outer Diameter	2.2mm	2.8mm	3.9mm	6.0mm
	Length	1.0m, 1.5m or 2.0m	1.0m, 1.5m or 2.0m	1.0m, 1.5m, 2.0m 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	180±10° backward	360° around, 140±10° backward	360° around, 180±10° backward	360° around, 160±10° backward
OPTICS	Field of View	120°±10°	84.8° x 84.8°	90° x 72°: 120°	80° x 60°: 100°
	Depth of Field	3.0mm - 50.0mm	3.0mm - 50.0mm	3.0mm - 80.0mm	7.0mm - ∞
	Effective Pixels	160,000 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, 640*480 resolution			
	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 headset / microphone jack			
	Internal storage	16GB SD Card / 10,000 photos or 8 hours video			
	Data I/O ports	SD card, micro USB, TV Out (NTCS / PAL) or HDMI			
	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			