

## 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

**3.9mm OR 6.0mm DIAMETER**

Available in lengths from 1.5m 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 - 3.9mm	VJ-3 - 6.0mm
INSERTION TUBE	Outer Diameter	3.9mm	6.0mm
	Length	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, 180±10° backward	360° around, 160±10° backward
OPTICS	Field of View	130° x 98°	100° x 75°
	Depth of Field	7.0mm - 80.0mm	7.0mm - ∞
	Effective Pixels	450,000 pixels	
	Illumination Method	4 Super high-intensity white LEDs	6 Super high-intensity white LEDs
	Illumination Output	≤ 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)	
	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	≤ 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	