

ARTICULATING DUAL CAMERA 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

Image Playback/Return/Switch Mode

Image Capture Trigger

Tungsten Braided IP 67 Insertion Tube

Dual Camera:  
Forward View and Side View Cameras



**6.0MM DUAL CAMERA**

Available in lengths from 1.5m to 8.0m. The dual camera assists in viewing straight ahead and 90 degrees. Users can switch between the two cameras while keeping the borescope inside the inspection area.



**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.

<b>INSERTION TUBE</b>	Outer Diameter	6.0mm
	Length	1.0m - 8.0m
	Exterior Material	Tungsten EasyGlide, crush-resistant
	Chemical Compatibility	Water, machine oil, heating oil, diesel, 3.5% saline concentrate
	Articulation Range	360° around, 160±10° backward
<b>OPTICS</b>	Field of View	100° x 75°
	Depth of Field	7.0mm - ∞
	Effective Pixels	450,000 pixels
	Illumination Method	6 Super high-intensity white LEDs
	Illumination Output	Front camera ≤ 20,000lux, Side camera ≤ 4,000lux
<b>BASE UNIT</b>	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
<b>MENU FUNCTIONS AND OPTIONS</b>	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
<b>OPERATING LIMITS</b>	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