

ARTICULATING **INFRARED (IR)** VIDEO BORESCOPE

Warning: IR light is invisible and can cause damage to the eye. Please do not look at the IR light.



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

6-Stage Illumination switch between white LED or IR



INFRARED OR LED LIGHT

Available in a length of 1.5m and 2.0m to suit any application. Switch between white LED light or IR light. IR light can light a dark area or room without being detected by the human eye, allowing for undetectable picture and video capture.



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.

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|----------------------------|--------------------------------|--|
| INSERTION TUBE | Outer Diameter | 6.0mm |
| | Length | 1.5m and 2.0m |
| | 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 |
| OPTICS | 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 | ≤ 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 | ≤ 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 |