

ARTICULATING DUAL CAMERA VIDEO BORESCOPE

**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 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, 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, 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 | Front camera ≤ 20,000lux, Side camera ≤ 4,000lux |
| 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 |