

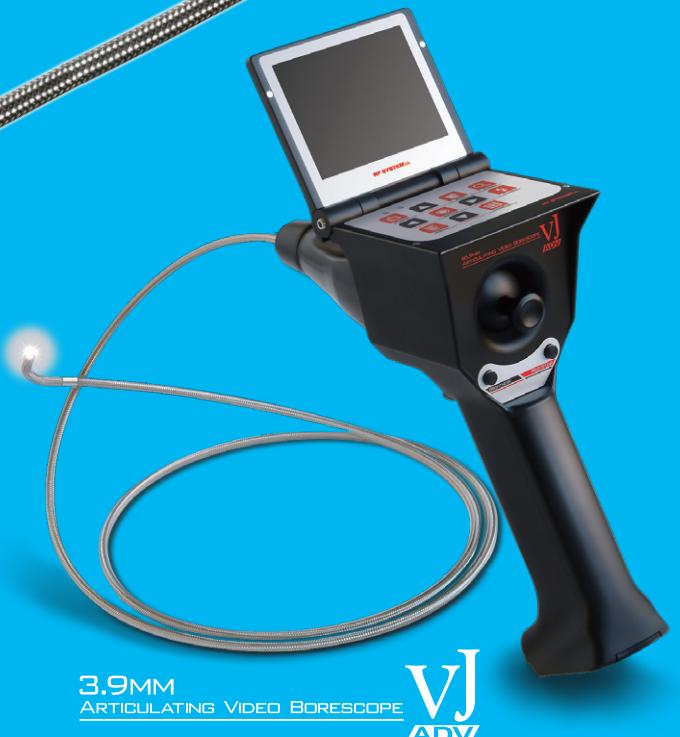
The Newest Addition to the VJ-ADV Product Line

Thinner than ever before!!

3.9mm Articulating Video Borescope

3.9mm

Actual Size



3.9MM
ARTICULATING VIDEO BORESCOPE **VJ**
ADV

VJ-ADV Feature 1 3.9mm OD Ultra-Thin Insertion Tube

Now you can see into the smallest areas with our ultra-thin insertion tube and 4-way bending section. Designed by our expert R&D team and drawing on our 20 years of experience in micro-cameras and PCB design, there is not a smaller 4-way articulating video borescope anywhere in the world. The new 3.9 mm VJ-ADV uses the same high-tensile control cables and stainless steel-braided insertion tube found on the original VJ-ADV, maintaining durability and ease of navigation through curves and bends.



VJ-ADV Feature 3 Stand-Alone Imaging Unit

The VJ-ADV is an all-in-one system that combines an articulating video borescope with an on-board imaging system. As you conduct an inspection, images and video can be captured and saved directly to the built-in micro SD card with the click of your index finger. The intuitive control panel allows you to review stored images and video on the built-in 3.5" LCD monitor.



VJ-ADV Feature 2 Synchronized Strobe LEDs

Illumination for the 3.9 mm VJ-ADV is provided by 6 high-intensity white LEDs. Our unique technology delivers a strobe of high-intensity light that allows for 50% greater light output, lowers tip operating temperature and eliminates signal noise.

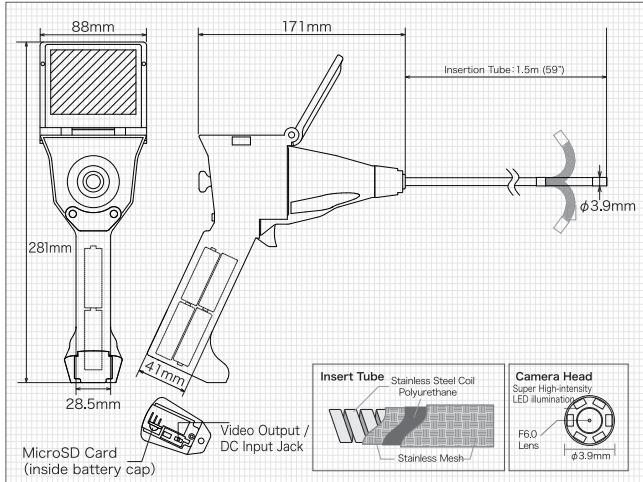


VJ-ADV Feature 4 Joystick-Controlled Articulation

The VJ-ADV provides precise control of the articulating tip through the use of a thumb-activated joystick. This joystick responds to the slightest movement of your thumb and allows full movement of the camera tip 90 degrees in all directions.



Structural Drawing



Packaged Items

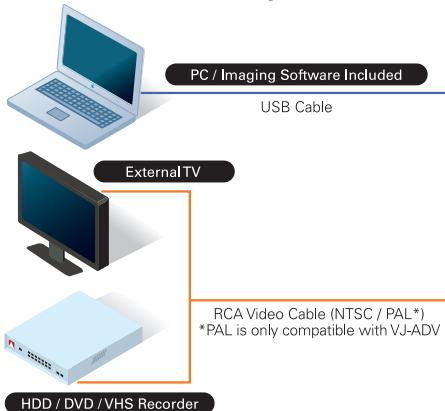


Features / Specifications

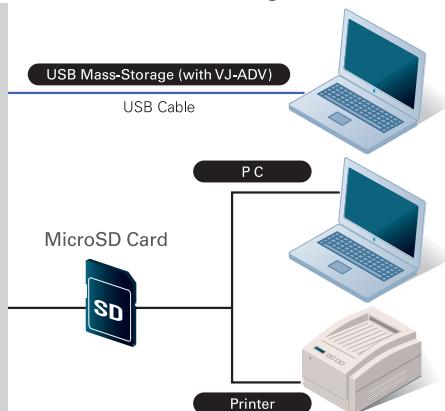
Insertion Tube	Outer Diameter	3.9mm
	Length (meter/inch)	1.5m (59")
	Exterior	Stainless Steel Braid
	Waterproof	Insertion Tube and Tip
	Chemical Compatibility	Machine Oil, Heating Oil, Engine Oil, 3.5% Concentrated Saltwater, Diesel Fuel
Optics	Field of View (H/V)	70° / 70°
	F No.	F 5.3
	Depth of Field	15mm ~ ∞
	Illumination Method	6 Super High-Intensity White LEDs
Articulation	Articulation Range	360° (over 90° in every direction)
	Articulation Control	Joystick with "Direct Control" Mechanism
	Rigid Distal End Length	13mm
LCD Monitor	3.5inch Color Digital LCD	
GAIN Adjustment	5 Levels	
Still Capture / Record Function	Still Image (No LED Flash Capturing) Time-lapse Recording (Video)	
Input / Output Terminal	Video Output	2.5mm Stereo Mini Jack for RCA Video Output (NTSC/PAL)
	USB Output	Mini B Terminal Ver. 2.0 Video Capture Output (Includes Driver / Viewer Software)
	Audio Output	Monaural Flat Jack for Hands-free Earphone
	Microphone Output	Monaural Flat Jack for Hands-free Microphone
Storage	Storage Media	MicroSD Card (Max.2GB)
	Still Image	JPEG 400×400 pixels
	Video	MotionJPEG (AVI file extension) 400×400pixels 15~30fps Voice recording function via the attached microphone
	Storage Capacity (with 1GB MicroSD Card)	Still Image : Max. 500 pictures Movie Recording: Approx. 60 minutes (Normal Mode) / Approx. 9 hours (Time-lapse Mode)
	Playback Function	Still Image: Thumbnail 9-image Display / Full Screen Display Video : Play, Pause
Menu Operation	Image Adjustment (Brightness, Contrast, Hue, Sharpness) Delete Stored Image Time and Date Setting Language: Japanese / English USB Mass Storage	
Operating Temperature (Insertion Tube)	In Air:-30°C~60°C (-22°F~140°F) In Liquid:10°C~30°C (50°F~86°F)	
Power Supply	DC	DC 6V [four AA alkaline batteries]
	AC	100V~240V
Operating Time	Max. 1.5 hours (with four AA alkaline batteries)	
Weight	480g (without batteries at 1.5m length)	
Carrying Case	495x420x145 (mm)	

System Configuration

⟨Video Output⟩



⟨Software Integration⟩



RF Group



Manufacturer : RF Co.,Ltd.

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Description of Business

Medical Field: Direct Digital Radiography Imaging Sensors, Medical Video Scopes

Dental Field: Digital Radiography Sensor, Intraoral Cameras

Industrial Field: Digital Radiography NDT Systems, Industrial Video Borescopes

Development of Capsule Endoscope and Disposable Video Endoscopes