

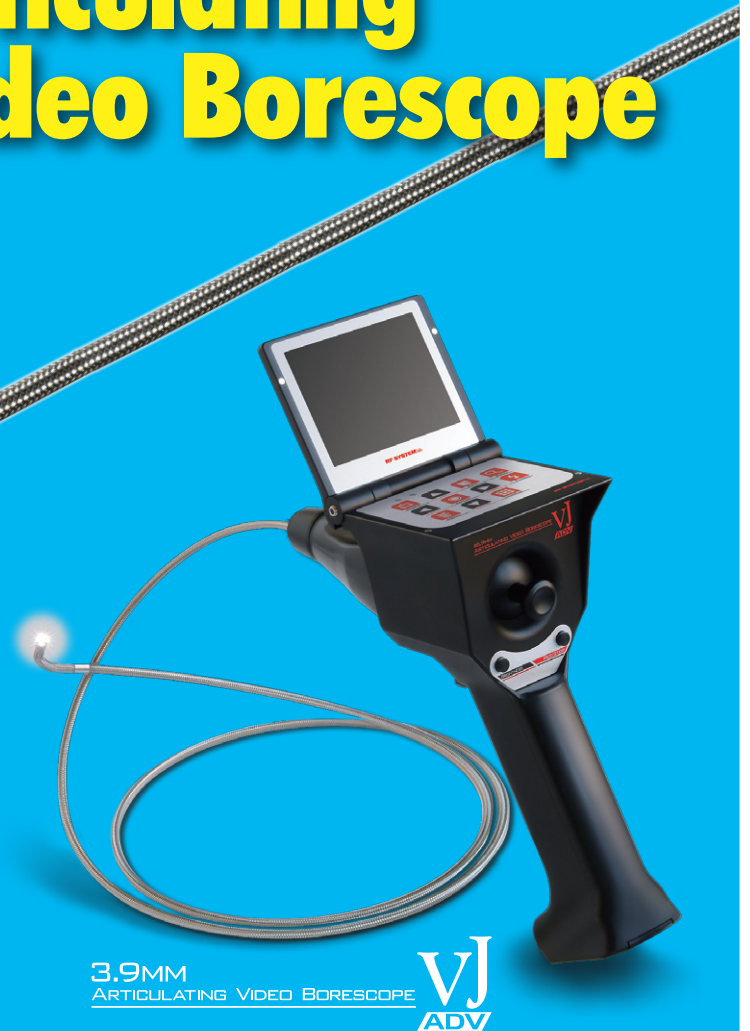
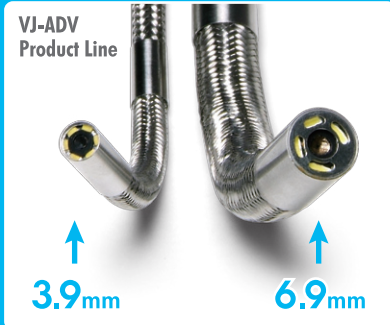
The Newest Addition to the VJ-ADV Product Line

Thinner than ever before!!

# 3.9mm Articulating Video Borescope

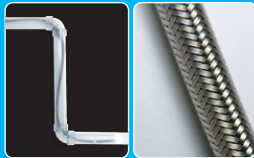
3.9mm

Actual Size



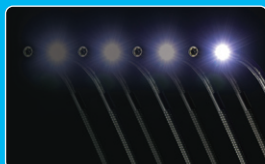
## VJ-ADV Feature 1 3.9mm OD Ultra-Thin Insertion Tube

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 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 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.

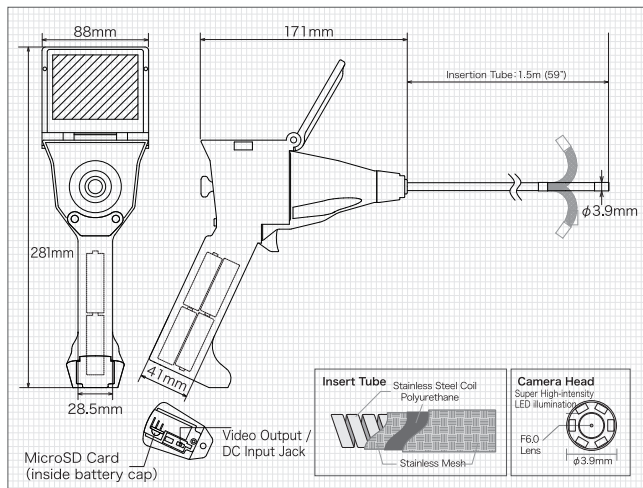


## VJ-ADV Feature 4 Joystick-Controlled Articulation

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

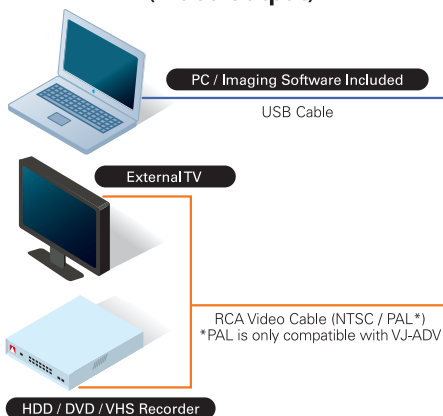


## Features / Specifications

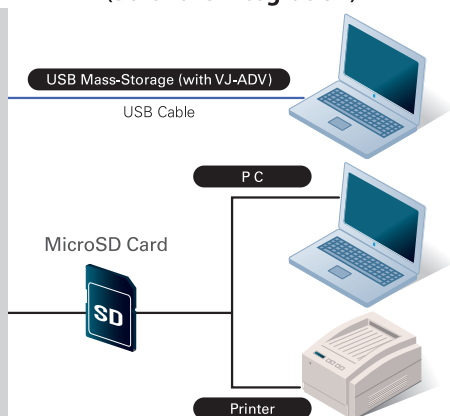
Insertion Tube	Outer Diameter	3.9mm
	Length (meter/inch)	1.5m (59")
	Exterior	Stainless Steel Braid
	Waterproof	Insertion Tube and Tip
	Chemical Compatibility	Machine Oil, Heating Oil, Engine Oil, 3.5% Concentrated Saltwater, Diesel Fuel
Optics	Field of View (H/V)	70° / 70°
	F No.	F 5.3
	Depth of Field	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	Still Image : Max. 500 pictures
	(with 1GB MicroSD Card)	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		495×420×145 (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

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