

Bringing "Shape" to the Engineer's Voice.

- Industrial Video Borescopes from RF SYSTEM lab. -



Delivering precise articulation control, portability and ease of use. All the features you need, at a price you can afford.

Automotive

QA/QC and assembly inspections for engines, frames, sub-assemblies and components.

HVAC

Inspection of boiler tubes, heat exchangers, valves, pipe welds and ducts.

Industrial Machinery

Inspection and repair of gear boxes, conveyors, hydraulic systems and engines.

Power Generation

Turbine and reciprocating engine inspections, heat exchangers, pipe corrosion, weld integrity inspections.

Engineering / Construction

Internal inspections of walls, ceilings and floors. Structural inspections of bridges, tunnels and foundations.

Water Treatment Facilities

Corrosion and condition inspections of pipes, joints, valves and pressure vessels.

Railway / Shipping / Aviation

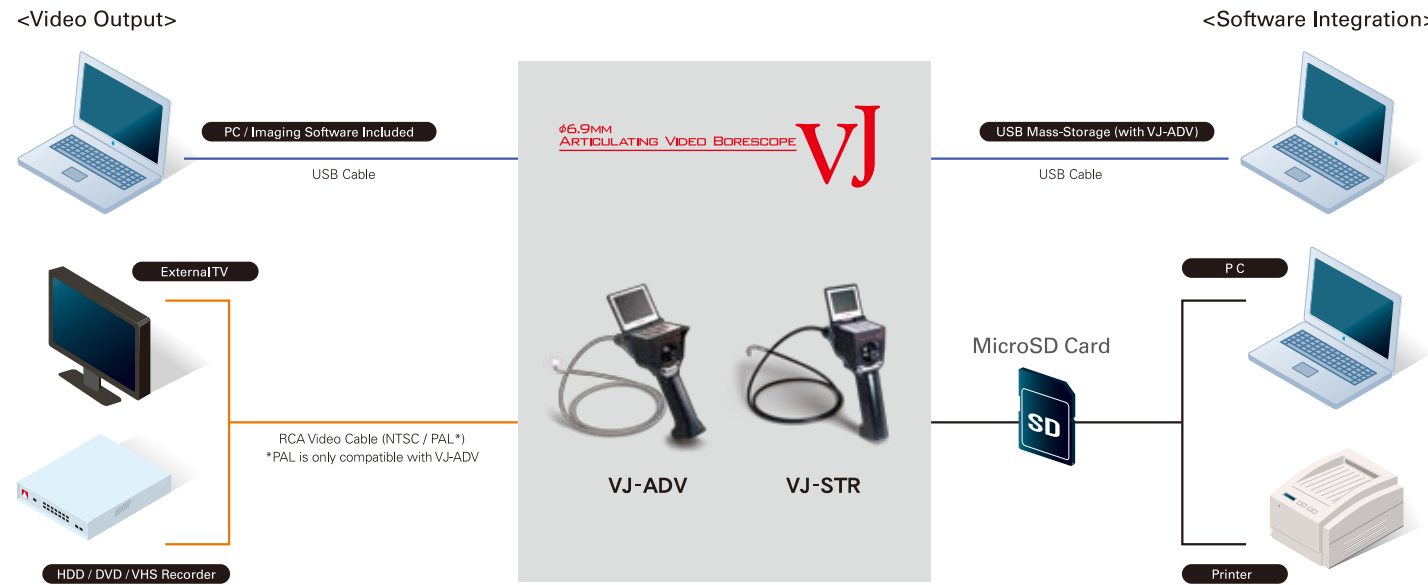
Inspection and repair of turbine, gasoline and diesel engines, along with structural components, airframes and ground support equipment.

Research / Security / Other Fields

Police, military, R&D, education, food and chemical processing.



System Configuration

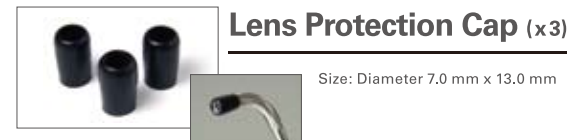
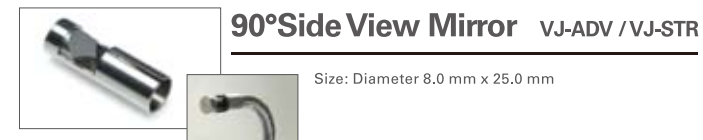


Comparison Chart

	VJ-ADV	VJ-STR		VJ-ADV	VJ-STR
Insertion Tube Outer Diameter	φ6.9mm		USB Output	●	●
Insertion Tube Length	1.5m (59") / 3.0m (118") / 5.0m (197")	1.5m (59") / 3.0m (118")	Micropone Input (Microphone Jack)	●	NA
Insertion Tube Exterior	Steel Braid	Polyurethane	Audio Output (Earphone Jack)	●	NA
Articulation	360° (over 90° in every direction)		Still Image Capacity (with 1GB MicroSD Card)	Max. 500 pictures	
Illumination	4 Super High-Intensity White LEDs		Video Recording Capacity (with 1GB MicroSD Card)	Approx. 60 minutes (Normal Mode) / Approx. 9 hours (Time-lapse Mode)	Approx. 60 minutes
Waterproof	Insertion Tube and Tip		Image Time and Date Stamp	●	●
Chemical Resistance	Machine Oil, Heating Oil, Engine Oil, 3.5% Concentrated Saltwater, Diesel Fuel		Language (English/Japanese)	●	NA
Storage Media	MicroSD Card (Max. 2GB)		AC Power Supply	●	●
LCD Monitor	3.5inch	2.4 inch	USB Mass Storage Device*	●	NA
Zoom	2x Digital Zoom	NA	Onboard Power Supply	4 AA batteries	
External Temperature Display	●	NA	Battery Run-Time	Max. 1.5 hours	Max. 2.0 hours
Temperature Alarm Display	●	●	Carrying Case	●	●
LED Flash Capturing (Still Image)	●	NA	90° Side View Mirror (Optional)	●	●
Time-Lapse Recording (Video)	●	NA	Weight	570g / 20 oz (without batteries at 1.5m length)	480g / 17 oz (without batteries at 1.5m length)
Video Output	●	●			

*When connected to a PC via the USB cable, the VJ-ADV is recognized as an external storage device.

Option



Inspired by dreams.
RF SYSTEM lab.

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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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φ6.9MM
ARTICULATING VIDEO BORESCOPE



