

Preliminary Specifications

Chip-On-Tip

Innovative needle scope
30° side view with LEDs

- 2.0mm diameter
- shaft lengths up to 190mm
- Distal LED illumination
- Single use

SV-2000
flex



Configurable OEM Design Concept
Applications for industrial borescope and various clinical solutions

Not an FDA approved device

Sensor Compatibility and Specifications

Image Sensors	OV6946, OCHTA, OCHFA; 120° FOV in air
Sensor formats	1/18" - 1.05mm 400x400, 1.075mm 720x720 30fps 1/31" - 65mm 400x400 30fps
Frame Rate	30 fps
Optics	(OV6946, OCHFA) 120° FOV in air, f No. 5.0 focal length 0.418 (OCHTA) 120° FOV in air, f No. 2.8 focal length 0.175
Operating Temp.	10-40 degree C
Operating Hum.	30-90%
Tip/shaft Ø	OV6946/OCHFA 2.0mm 0°, 3.0mm 30° OCHTA 1.0mm 0°, 2.0mm 30°
Sensor mounting	0° forward facing, 30° side angled view

Performance

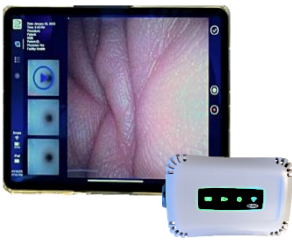
Options	Sensor	0.65mm, 1.0mm
	Illumination	Distal LED or fiber-coupled LED
	Shaft diameter	1.0mm to 3.0mm
	Shaft length	Configurable 60mm to 190mm
	Working channel	N/A
	Cannula	Available as an option
CCU	Handle	Based on application requirements
	Control options	Tablet, CCU, Wireless
	Capture & Playback	Yes, export to USB

Functions

SV-2000 CCU or tablet control
LED Brightness Control
Video Recording and playback – based on CCU configuration
Single use or re-use configurations
SV-2000 Flex is compatible with wireless module



SV-2000
Tablet console
and CCU



SV-2000 Wireless
with mobile device

Distributed by CANON MEDICAL COMPONENTS U.S.A., INC.
Video Sensing Devices
2355 Main Street, Suite 150
Irvine, California 92614

- NOTES
- SV-2000 Flex is customized to OEM design requirements. SV2000 flex is not FDA approved.
 - Rating, performance and functions are subject to change without notice.
 - Scope design shown is for reference only