

Preliminary Specifications

Chip-On-Tip | World's Smallest Articulating Camera System

- 1.0mm diameter
- Up to 280° up/down
- Wireless connectivity
- 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 Sensor	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	As small as 1.05mm without working channel
Deflection	Up to 280° Up/Down

Functions

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

Performance

Options	Sensor	0.65mm, 1.0mm
	Illumination	Distal LED or fiber-coupled LED
	Shaft diameter	As small as 1.05mm
	Shaft length	Configurable 100mm to 1.1m
	Working channel	Based on application requirements
	Deflection	Configurable, max 280° Up/Down
CCU	Handle	Based on application requirements
	Control options	Tablet, CCU, Wireless
	Capture & Playback	Yes, export to USB



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 incorporates steerable technology from EndoTheia, Inc. certain restrictions may apply.
 - SV-2000 Flex is customized to OEM design requirements. SV-2000 flex is not FDA approved.
 - Rating, performance and functions are subject to change without notice.
 - Scope design shown is for reference only