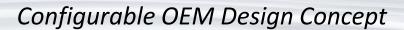
## **Preliminary Specifications**

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

- 1.0mm diameter
- Up to 280° up/down
- Wireless connectivity
- Single use





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		

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#### **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
	Handle	Based on application requirements
CCU	Control options	Tablet, CCU, Wireless
	Capture & Playback	Yes, export to USB





SV-2000 Wireless with mobile device

#### **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