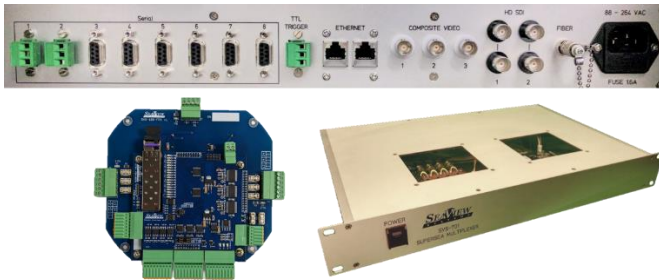## SVS-700FalconFiber Kit

SeaView Systems SVS-700FalconFiber Kit provides everything needed to add support for high speed, fiber optic communications to your Saab Seaeye Falcon or other inspection class vehicle.

The dramatically enhanced bandwidth (up to GB speeds) available by upgrading your Falcon from copper tether to fiber optic tether enables support for increased tether length and a wealth of additional functionality including HD video, increased sensor load and more.

The SVS-700FalconFiber Kit includes:

- SVS-109 surface and subsea multiplexers (with support for up to 8 channels RS232/485, 100mb Ethernet channel and more)
- SVS-109-FPS fiber system power supply (supplies power for SVS-109 as well as cameras, sonars and other sensors)
- Penetrator bulkhead adapter
- Hardware for mounting, interconnect and enclosure

This product is available for user installation or can be expertly installed by SeaView. Fiber optic tethers are available from SeaView Systems with specifications dependent on length.

Specifications

SVS-109:	5VDC, 1 amp
Video:	2 channels x 10 bit analog video
	1 channel x 8 bit analog video
	(NTSC, PAL, SECAM)
Serial:	2 x RS485
	4 x RS232
	2 x either RS232 or RS485
Fiber:	Single mode SFP module with LC connectors (multimode optional). Standard BiDi and CWDM frequencies.
Fiber Power Budget:	Single mode: 24dB (MM 13.5dB)
SVS-109-FPS Input Voltage:	48V
Output:	4 x 24V 75W Total 2 x 12V 30W Total 1 x 5V 30W Total

SeaView Systems, Inc. designs, manufactures and operates remotely operated vehicles, electronics and other custom hardware/software tools, including oceanographic instruments, custom remotely operated vehicles and tooling systems, to meet oceanographic and underwater robotic applications.

For more details or supplemental media, please contact SeaView Systems at info@seaviewsystems.com or +1 (734) 426-8978