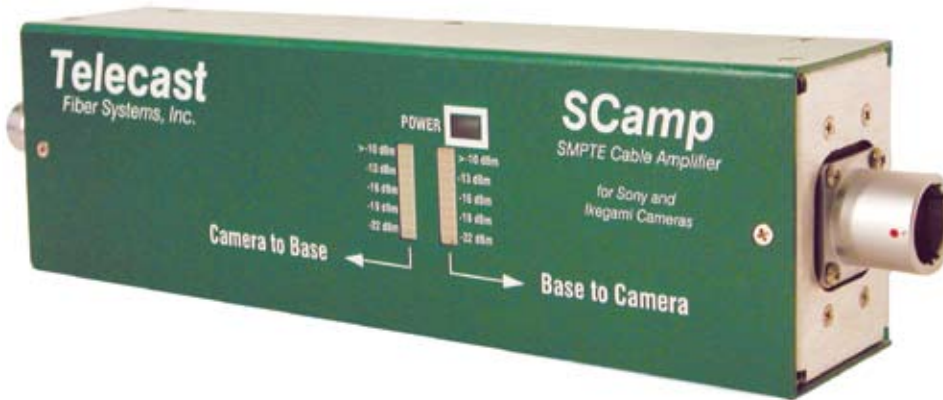




**SCamp™**

## SMPTE Cable Amplifier for 311M Copper/Fiber Cable



### Features

- Single, In-line module
- Extends hybrid cable runs
- Sony® and Ikegami® compatible
- Integral optical power metering
- Plug-and-play operation
- 15 dB of new optical budget
- No external power required
- Durable construction
- Wide temperature range
- Low power consumption
- High reliability design

### Overcome the limitations of your SMPTE Hybrid Cables with this In-Line Fiber Optic Repeater

Telecast's SCamp is an innovative and cost effective way to get more from your SMPTE hybrid cables. Today's camera systems operate on a limited optical budget. When you run out of light, whether through long cable or excessive connector losses, you lose signals and control of your camera.

SCamp is a repeater that provides an easy, in-line solution for boosting your optical power and extending your cable reach. Using electrical power already available on the SMPTE hybrid cable, SCamp receives and then re-transmits the optical signals on each fiber at a powerful -7 dBm level. The SCamp is powered directly by the camera's base station via the hybrid cable, so the units are plug-and-play.

### User Friendly

The SCamp is simple to use and an invaluable tool for all Sony and Ikegami SMPTE-based HD camera systems. Simply insert the SCAMP into a cable run and the integral 10-step LEDs will instantly tell you the received optical power from both the camera and the base station.

Consuming less than 7 watts, the SCamp does not adversely effect the AC or DC power on the SMPTE cable.

The SCamp will eliminate many of the problems associated with operating cameras on SMPTE cable and allow you a greater margin of comfort when the cable runs start to get long.

### Applications

- OB/Remote broadcasting
- Fixed installations
- Anywhere more optical budget on your SMPTE cable is needed



Want to use standard, low cost single mode fiber instead of 311M hybrid cable? Try the SHED (SMPTE Hybrid Elimination Device), and the HDX unit to power your cameras.

### Optical

Operating wavelength	1300 nm
Transmitter output power	-7 dBm
Receiver sensitivity range	-5 to -22 dBm
Optical source/detector type	Laser diode/PIN-TIA
Fiber compatibility	Single mode
Cable Type	SMPTE 311M
Supported Connectors	Lemo, Tajimi, Fischer

### Mechanical/Environmental

Dimensions (WxLxD)	3" x 12" x 2"
Weight	10 ounces
Power Consumption	< 7 watts
Temperature Range	-25° to +55°C
Humidity Range	0 to 95% RH, Noncond.

### Ordering Information

SC-01-S-LM	SCamp with LEMO 304M connectors
SC-01-S-TJ	SCamp with Tajimi connectors
SC-01-S-FS	SCamp with Fischer connectors