

Spectrolab

Illumination Systems

www.spectrolab.com

SpectroLink

Integrated Communication Linking System for Spectrolab Searchlights

System Objective:

The new SpectroLink System will upgrade all SX-16 Nightsun®, SX-16 Nightsun® IFCO, and SX-5 Starburst Searchlights by providing an integrated linking system to the searchlight, thermal imager, or video camera. Linking capabilities among the components are integrated by a closed loop motor control.

The SpectroLink uses Digital Encoders for precise positioning of the searchlight to camera. This eliminates any "factory install" of components and does not depend on analog signals that can drift with time and temperature. Installation of the SpectroLink System will not void the standard two-year (2) Warranty offered by Spectrolab, Inc..

System Characteristics:

Control Box:

- Analog Control Box with SpectroLink functionality
- Dimensions: 5.25" L x 2.25" W x 1.75" H
(13.3 Lx5.71 Wx4.4 H cm)
- Weight: 6 oz.

Gimbal:

- Standard Aluminum w/High Speed Motors (18° p/sec)
- Weight: 9 lbs.

Mount:

- The SpectroLink Integration Box has the same mounting dimensions as the SX-16/SX-5 Junction Box.
- Based on installation requirements, the Integration Box can be mounted on top of the existing Junction Box (spacers required for fan clearance) or in specified location.

Frontal View (with optional J7 Connector)



Rear View (with optional I/O Connector)

Cable Set:

- The SpectroLink System will include 6 new cables.
- Existing cables may require modification.

Mechanical Specifications:

- Dimensions: 8.5" L x 6.5" W x 3.2" H
(21.6 L x 16.5 W x 8.1 H cm)
- Weight: 2.6 lbs. (± 1 kg)
- System Input Voltage: 26 - 30 Volts

The information contained on this sheet is for reference only. Specifications subject to change without notice. (REV. 04/09)

ISO9001:2000
REGISTERED



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