



AstroScope 9350EOS-FF Night Vision Module fits between the Canon camera body and lens retaining all electronic lens functions.



Canon Digital SLR Cameras deliver bright high resolution green images at night with the AstroScope 9350EOS-FF Night Vision Module

For Immediate Release

Night Vision Module Extends Canon Full-frame SLR Camera's Low-light Capability Night Vision for EOS-1Ds Mark III and EOS 5D Mark II Cameras

Fairfield, NJ (June 25, 2009) – Electrophysics, a Sofradir Group company, has introduced a new high performance night vision module for use with Canon full-frame digital SLR cameras such as the EOS-1Ds Mark III and EOS 5D Mark II Cameras. When used with the new AstroScope 9350EOS-FF, these digital cameras deliver bright high resolution green images of night-time scenes having a full image format and edge-to-edge sharpness. Because the night vision module fits between the camera body and SLR objective lens, all the lens electrical connections are maintained and important lens features such as optical image stabilization remain fully functional even in night vision mode, enabling the photographer on the move to realize the ultimate in low-light performance.

The new AstroScope night vision module also features variable gain control enabling the night-time photographer to increase the brightness of the images when ambient lighting is such that images are otherwise too dark to photograph. Normally, the AstroScope delivers the equivalent of 8-10 F-stops light gathering improvement. With the variable gain feature, the available light amplification is further improved. In addition, when photographing relatively well-lit night-time scenes, the gain can be minimized to reduce image noise.

Low-light applications for these high resolution digital cameras abound, where recognition and identification of scenes at night are very important to the success of image recording and surveillance applications. At the heart of the new AstroScope 9350EOS-FF Night Vision Module is a central intensification unit (CIU) that transforms dark, moonlight or starlit nights into bright, high-resolution scenes. The modules deliver optimum performance, the sharpest detail and highest quality full-frame images with no vignetting, a common problem with other night vision configurations.

The AstroScope has received praise from professionals in a myriad of industries, including professional broadcast, law enforcement and the military, as the ideal accessory for both video and photo applications. When configured with AstroScope Night Vision, the high performance Canon full-frame digital cameras give users the ability to acquire low light images with breathtaking detail, in full image frames.

Company Background

Headquartered in Fairfield, New Jersey, Electrophysics, also known as Sofradir EC, Inc., is a member of the Sofradir Group of companies since December 2008. The company develops and manufactures advanced thermal imaging, near infrared and night vision systems for use in a host of imaging applications. Since 1969, the company has maintained its focus on delivering products that reflect exceptional engineering capabilities. The Electrophysics group continues to offer a product line of scientific imaging systems, night vision modules and portable infrared inspection cameras.

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