

## **For Immediate Release**



Nikon Digital SLR  
Cameras deliver bright  
high resolution green  
images at night with the  
AstroScope 9350NIK  
Night Vision Module.



**AstroScope 9350NIK Night Vision Module**  
fits between the Nikon camera body and  
lens, retaining all electronic lens functions.

### **Night Vision Module for Nikon dSLR Cameras Enhances Night-time Performance Night Vision for Nikon D3 and D700 Cameras**

Fairfield, NJ (Sept 8, 2009) – Electrophysics, a Sofradir EC company, has introduced a new high performance night vision module for use with Nikon full-frame digital SLR cameras such as the Nikon D3 and D700 Cameras. These digital cameras deliver bright high resolution green images of night-time scenes having a full image format and edge-to-edge sharpness when used with the new AstroScope 9350NIK Night Vision Modules. 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 easily realize the ultimate in low-light performance. Night Vision configurations for DX-format Nikon cameras as well as Canon EOS digital SLR cameras are also available.

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 Night Vision Modules 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 digital cameras give users the ability to acquire low light images with breathtaking detail.

### **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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