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For Immediate Release

New Night Vision Modules Extend Night Time Imaging Performance of Sony PMW-EX1/3 and HVR-Z7 HD Camcorders

Fairfield, NJ (June 8, 2009) – Electrophysics, a Sofradir Group company, has introduced three new high performance night vision modules for use on Sony PMW-EX1, PMW-EX3 and the HVR-Z7 High Definition Camcorders. The demand for higher performance portable video imaging at night has fueled the development of these advanced modules. Low-light requirements for these high resolution camcorders abound, where recognition and identification of scenes at night are very important to the success of video recording and surveillance applications. To meet these applications, Electrophysics has introduced new Night Vision modules based on its AstroScope series enabling the Sony camcorders to deliver HD-quality images in ultra low-light, yielding a low-light improvement equivalent to over ten F-stops.

Each configuration delivers truly outstanding HD performance, with up to 1080p when configured on the EX1 or EX3, 1080i on the Z7, and megapixel still image resolution. At the heart of the new Night Vision Modules is a central intensification unit (CIU) that transforms dark, moonlight or starlit nights into bright, high-resolution scenes. Specifically engineered for high definition cameras, these AstroScope night vision adapters give videographers the ability to produce high quality, high-resolution video under very low-light conditions. 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 new Sony HD camcorders give users the ability to acquire low light imagery with breathtaking detail, in high definition.

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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