

# AstroScope™

for Canon dSLR Cameras



Convert your digital SLR Camera into a High-Performance Night Vision System

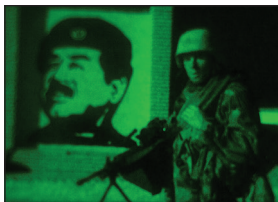
The AstroScope is an advanced night vision module that incorporates a state-of-the-art image intensifier and high quality optics to transform dark scenes into bright, high resolution images. The AstroScope Models 9350EOS-P and 9350EOS-PV are specifically designed to be used with Canon EOS-type digital cameras. These modules mount seamlessly between the camera body and objective lenses using the standard EOS bayonet mount and hot-shoe retaining all electronic communication between lens and camera. The Model 9350EOS-P features an automatic gain control that keeps the output image at a certain brightness. The Model 9350EOS-PV also features automatic gain control plus includes a manually adjustable maximum output brightness permitting the user to achieve the optimum balance of brightness and clarity in the image.



variable gain feature



In wide use with military organizations around the world, AstroScope's battlefield-proven design delivers seamless integration with your camera body and requires no additional batteries or field adjustment, such as back focus. When you need to get the shot, AstroScope delivers.



Military Tactical Imaging



Law Enforcement



Government Surveillance



Low-light Still Photography



Photojournalism/News Gathering

Experience  
the difference.

See 8 to 10 F-stops more light!

Without AstroScope



With AstroScope



BOTH SHOTS WERE TAKEN USING THE SAME CAMERA SETTINGS.

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## A design that delivers optimum performance in every configuration.

Unlike pocketoscope-based night vision setups, AstroScope is specifically designed for image capture applications. Only AstroScope enables you to use your Canon lenses to shoot full frame images at distances beyond 1000 meters! AstroScope passes all communication signals between the camera body and lens, which ensures features like image stabilization, work when you really need them.

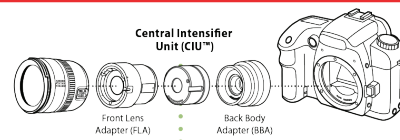
AstroScope's modular design enables you to easily transfer the image intensifier to other camera platforms including Nikon SLR, Canon XL-2 and fixed lens camcorders.

- ◆ Use your Canon lenses
- ◆ No back focus adjustment
- ◆ No vignetting
- ◆ Installs in less than 10 seconds
- ◆ Powered directly by camera
- ◆ Wide range of image intensifier performance offerings

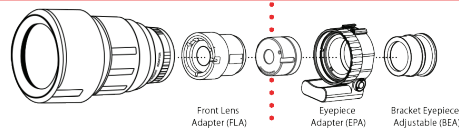
### AstroScope Modular Configurations

At the heart of the AstroScope is a Central Intensifier Unit that, with additional components, can be reconfigured as shown below.

#### Canon or Nikon SLR Camera

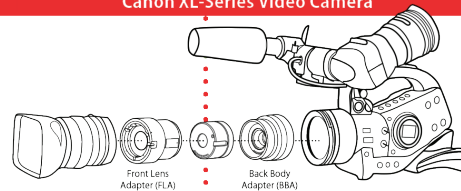


#### Pocketscope Options

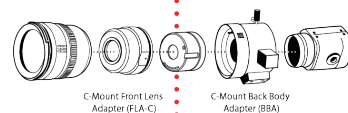


*The Pocketscope configuration can be configured with a variety of front lens adapters, such as C-mount or Canon EOS permitting the use of SLR objective lenses in manual mode.*

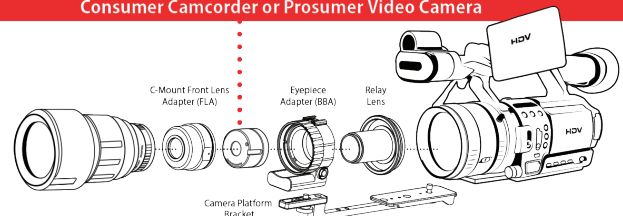
#### Canon XL-Series Video Camera



#### C-Mount CCD Camera



#### Consumer Camcorder or Prosumer Video Camera



Features	Benefits
• Seamless Electronic Integration	• Maintains existing electronic communications between the camera and the objective lens. All lens functions are retained, including image stabilization.
• Interchangeable Central Intensifier Unit (CIU™)	• Choose from several models offering different levels of low-light performance and take advantage of the opportunity to "swap" a CIU from one AstroScope system configuration to another (for example, use one CIU for both a camcorder and a digital SLR camera night vision setup).
• Custom Relay Optics	• Capture bright, tack-sharp edge-to-edge image detail. The AstroScope system is the highest performance design available for night vision photography.
• Epoxy-Coated Aluminum Chassis	• Designed for use in field environments, the AstroScope system is rugged, compact and versatile.
• Canon Bayonet Mounts	• Use existing high-performance Canon EOS objective lenses.
• Host Interfaced Powered	• Powered directly from the SLR camera. No separate batteries are required.
• User-Friendly Design	• Requires no back focus adjustment or special camera training. Simple setup and operation.

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Ordering Information	
ITEM	DESCRIPTION
<b>AstroScope for Canon SLR</b>	
Model #: 9350EOS-P Part #: 914550	Fixed gain model features automatic gain control that keeps the output image at a certain brightness. Select from CIU version below.
Model #: 9350EOS-PV Part #: 915005	Variable gain model features automatic gain control plus includes a manually adjustable maximum output brightness permitting the user to achieve the optimum balance of brightness and clarity in the image. Select from CIU version below.
Model #: 9350EOS-AF Part #: 914991	Adapter for use with full-format digital cameras and either 9350EOS-P or 9350EOS-PV modules.
<b>Central Intensifier Units</b>	
<b>Gen III Aviation</b> 9350CIU-3A Standard – Part #: 914365 9350CIU-3AV Variable Gain – Part #: 914984	Super high performance-grade, thin-filmed, auto-gated third-generation image intensifier, specially selected for the most demanding military applications. Leading-edge sensitivity, resolution and contrast with better halo reduction and anti-blooming technology. Aviation-grade image intensifiers are subject to limited availability. Available in standard and variable gain controllable.
<b>Gen III Pinnacle</b> 9350CIU-3N Standard – Part #: 914248 9350CIU-3NV Variable Gain – Part #: 914986	Exceptional-grade, thin-filmed, auto-gated, third-generation image intensifier, specially selected for the most demanding military applications. State-of-the-art sensitivity, resolution and contrast, with built-in technology designed to reduce halos and blooming effects. Available in standard and variable gain controllable.
<b>Gen III Omni IV</b> 9350CIU3-IV Standard – Part #: 914065 9350CIU3V-IV Variable Gain – Part #: 914985	Specially selected, third-generation image intensifier. Military-grade sensitivity, resolution and contrast. Available in standard and variable gain controllable.
<b>Gen III Intl</b> 9350CIU-3F-1600 Standard – Part #: 914399 9350CIU-3FV-1600 Variable Gain – Part #: 914982  9350CIU-3F-1400 Standard – Part #: 914238 9350CIU-3FV-1400 Variable Gain – Part #: 915234	Specially selected, third-generation image intensifier for international customers requiring Gen III quality. Available in standard and variable gain controllable.
<b>Professional Grade Models (include module and CIU)</b>	
<b>9350EOS-3-PRO</b> Model #: 9350EOS-3-PRO Part #: 914656	Professional grade module and intensifier
<b>9350EOS-3V-PRO</b> Model #: 9350EOS-3V-PRO Part #: 915006	Professional grade module and intensifier with variable gain feature.

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