

# AstroScope™ Night Vision for Canon Video



## Add Night Vision to Your Canon XL-Series for Starlight-level Video Image Capture.

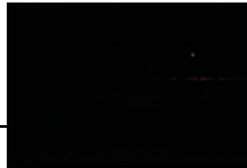
AstroScope is a high-performance night vision module incorporating a state-of-the-art image intensifier that transforms dark scenes (below  $10^{-4}$  lux) into bright, high-resolution imagery. The AstroScope 9300/9350XL is specifically designed for the Canon XL-series camcorders and seamlessly installs between the camera body and lens in seconds. The patented design maintains communication and power between the camera and lens, which ensures that lens stabilization and zoom functions are maintained.



Experience the difference.

See 10 to 12 F-stops more light!

Without AstroScope



With AstroScope



Both shots were taken using the same camera settings.

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—see chart).
• 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 EOS lenses by attaching Canon's XL to EOS adaptor (effective zoom > 2800mm with EOS 400mm lens)
• Host Camera Powered	• Powered directly from the camera. No separate batteries are required.

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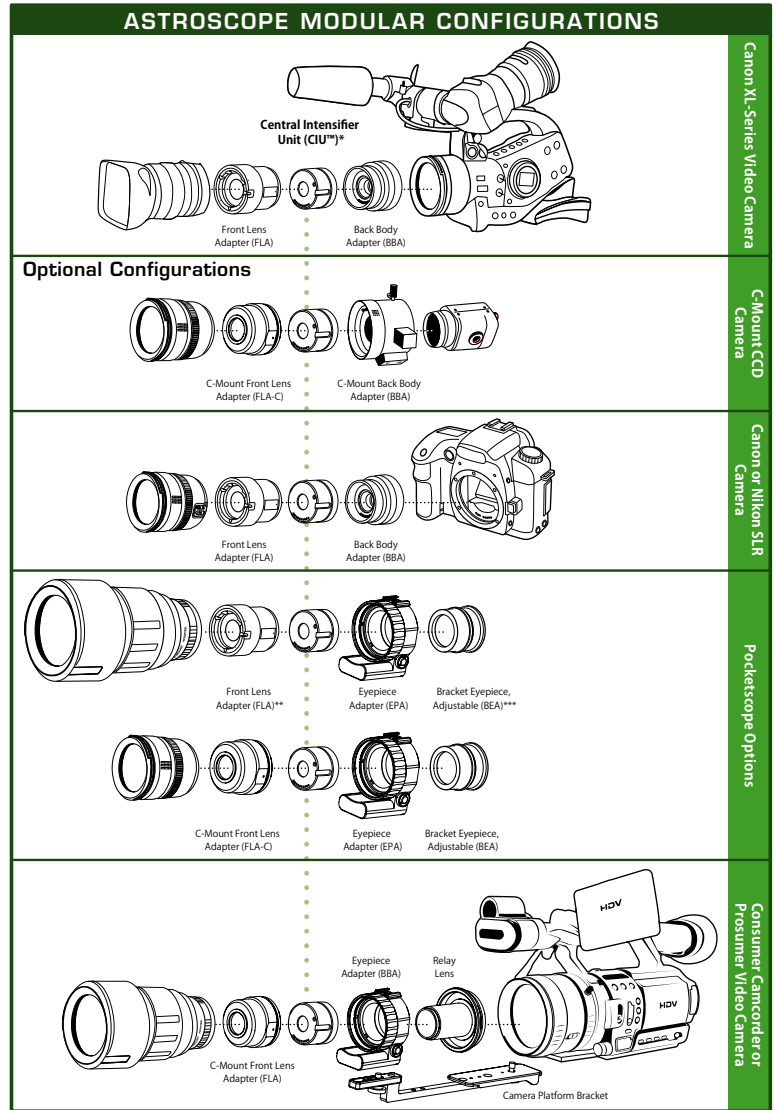
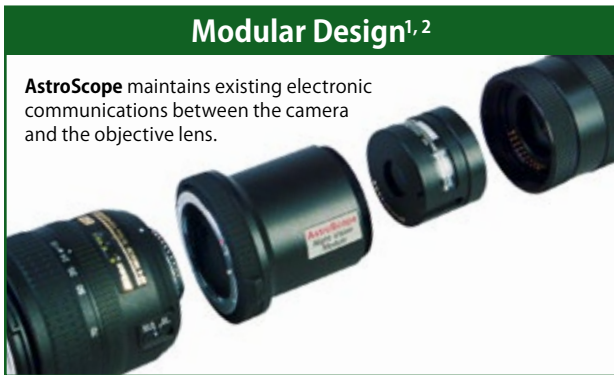
for Canon Video

A design that delivers optimum performance in every configuration.

Unlike pockscope-based night vision setups, AstroScope is specifically designed for image capture applications. Only AstroScope enables you to use your XL and EOS 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 (9350-XL model) enables you to easily transfer the image intensifier to other camera platforms including Canon SLR, Nikon SLR and fixed lens camcorders.

- ◆ Use your Canon XL and EOS lenses (with EOS to XL adapter)
- ◆ No back focus adjustment
- ◆ No vignetting
- ◆ Installs in less than 10 seconds
- ◆ Powered directly by camera
- ◆ Wide range of image intensifier performance offerings



\* The Central Intensifier Unit (CIU) is a **common module** used in all AstroScope configurations.  
 \*\* The Pockscope configuration will accept a Front Lens Adapter (FLA) from a Canon® or Nikon® SLR Camera AstroScope assembly or an FLA designed for a C-Mount lens (as used in the non-removable lens camcorder configuration).  
 \*\*\* If you disassemble the AstroScope Camcorder Bracket assembly (fourth configuration above) and purchase the Bracket Eyepiece Adjustable (BEA, sold separately), you can easily construct the highly versatile Pockscope depicted in the second configuration.

## Ordering Information

ITEM	DESCRIPTION
AstroScope for Canon XL- Series Model #: 9350XL Part #: 914085 NSN: 5855-01-519-4991	Included components: Back Body Adapter (BBA) and Front Lens Adapter (FLA) for Canon XL-Series cameras (XL1, XL1S, XL2, XL-H1, XL-H1S, XL-H1A)
<b>Central Intensifier Units</b>	
Gen III Aviation* Model #: 9350CIU3-A Part #: 914365	Super high-performance grade, third generation image intensifier, specially selected for the most demanding military applications.
Gen III Pinnacle Model #: 9350CIU3-N Part #: 914248	Third generation image intensifier. State-of-the-art sensitivity, resolution and contrast, with built-in technology designed to reduce halos and blooming effects!
Gen III Omni IV Model #: 9350CIU3-IV Part #: 914065 NSN: 5855-01-498-4949	Specially selected, third generation image intensifier. Military-grade sensitivity, resolution and contrast.

\*Aviation-grade image intensifiers are subject to limited availability.

1. Export of this product is controlled by the US State Department. Prior authorization is required for re-export or transfer.
2. A non-modular AstroScope is available for export under US Commerce Control.



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