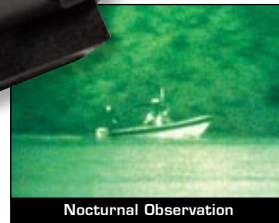


AstroScope™ Night Vision for CCD Cameras



Night Vision Module for C-mount CCD Cameras

Electrophysics AstroScope is a high-performance night vision module that transforms dark scenes (below 10^{-4} lux) into bright, high-resolution imagery. The AstroScope 9350CCD creates a powerful, but compact system that adds night vision capabilities to CCTV cameras.

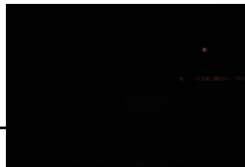
The heart of the AstroScope system is the Central Intensifier Unit (CIU). AstroScope's modular design enables you to expand your capabilities by allowing you to easily transfer the image intensifier to other platforms including Canon® and Nikon® SLR cameras, removable-lens camcorders like the Canon® XL2, and a portable handheld scope.

When you need to get the shot, AstroScope delivers.

Experience
the difference.

See 8 to 10 F-stops more light!

Without AstroScope



With AstroScope



BOTH SHOTS WERE TAKEN USING THE SAME CAMERA SETTINGS.

Features	Benefits
<ul style="list-style-type: none"> Adaptable to C-Mount Devices such as CCTV Cameras, Telescopes, and Microscopes 	<ul style="list-style-type: none"> Take advantage of the opportunity to “swap” a CIU from one AstroScope system configuration to another (for example, use one CIU for a camcorder, a digital SLR camera, and a CCTV night vision setup).
<ul style="list-style-type: none"> Improved Low-light Performance by 8 to 10 F-stops! 	<ul style="list-style-type: none"> Capture bright, tack-sharp, edge-to-edge image detail. The AstroScope system is the highest performance design available for night vision imaging.
<ul style="list-style-type: none"> Modular Design 	<ul style="list-style-type: none"> Offers added flexibility, versatility and affordability

AstroScope™ Night Vision

for CCD Cameras

A design that delivers optimum performance in every configuration.

Easy To Use

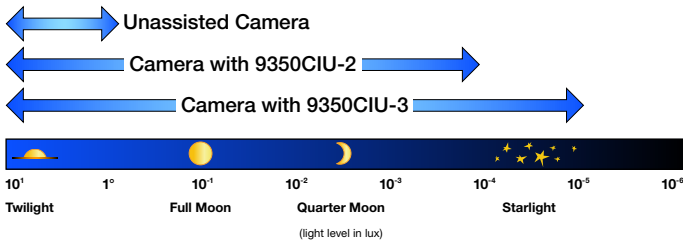
The AstroScope 9350CCD requires little set up and no calibration or specialized training.

1. Remove the objective lens and attach the 9350CCD system to the camera lens mount.
2. Re-attach the lens (or attach any C-Mount lens or device) and attach the leads on the 9350CCD to a 3-14 volt power source.
3. Adjust the back-focus control on the 9350CCD to optimize image sharpness.

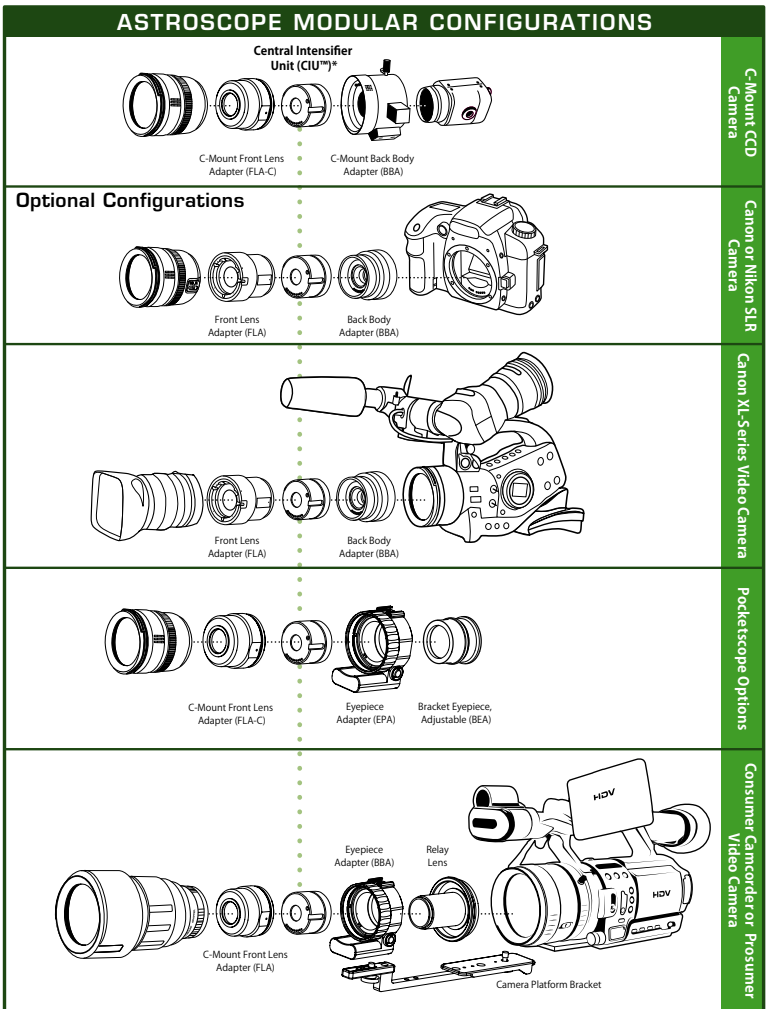
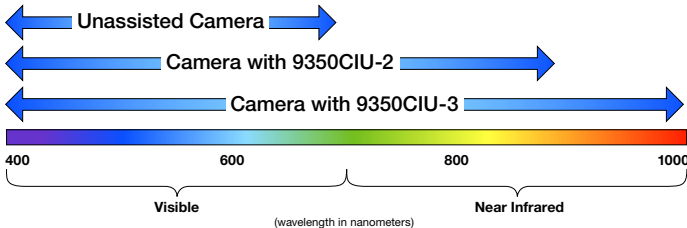
You are now ready for night-time or low-light video recording! Once the 9350CCD is installed, you still have full control of the lens iris and zoom.

Technology

The AstroScope dramatically extends the camera's usable light range by 8 to 10 F-stops.



With the AstroScope, the usable spectral range changes, increasing near-infrared response.



* The Central Intensifier Unit (CIU) is a common module used in all AstroScope configurations.

** The Pocketscope 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 Eye-piece Adjustable (BEA, sold separately), you can easily construct the highly versatile Pocketscope depicted in the second configuration.

Ordering Information

ITEM	DESCRIPTION	ITEM	DESCRIPTION
9350CCD Part #: 914738	AstroScope C-Mount CCD Adapter Pair – Includes C-Mount CCD Back Body Adapter and C-Mount Front Lens Adapter. <i>Requires a C-Mount Objective Lens, Common Module Central Intensifier Unit, and 3-14 VDC Power Source.</i>	Objective Lenses	
9350CCD-3PRO Part #: 914739	AstroScope C-Mount CCD Adapter Pair – Includes C-Mount CCD Back Body Adapter, C-Mount Front Lens Adapter, and Gen III Common Module Central Intensifier Unit. <i>Requires a C-Mount Objective Lens and 3-14 VDC Power Source.</i>	Part #: 914566	25 mm F1.3 Lens
Central Intensifier Units		Part #: 903020	50 mm F1.3 Lens
Gen III Aviation* Model #: 9350CIU3-A Part #: 914365	Super high performance-grade, 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.	Part #: 914029	75 mm F1.3 Lens
Gen III Pinnacle Model #: 9350CIU3-N Part #: 914248	Exceptional-grade, 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!	Part #: 908000	135 mm F2.8 Lens
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.	Part #: 903026	70–300 mm F4.5 Zoom Lens

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

EXPORT LIMITATIONS:

These devices utilize state-of-the-art technology that is under control of the US government. Therefore, exportation requires proper licensing, and prior authorization is required for re-export or transfer. *Please contact us for details.*



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