

AstroScope™ Night Vision

for High Definition Camcorders

Convert Your High-End Video Camcorder into a High Performance Night Vision System with AstroScope

Electrophysics AstroScope is a high-performance night vision module that transforms dark scenes (below 10-4 lux) into bright, high-resolution imagery. The AstroScope Night Vision Camcorder assemblies are specifically designed for many fixed lens camcorders to produce high-quality video under very demanding conditions.

The heart of the AstroScope system is the Gen III 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.

Additionally, Electrophysics now offers the world's first HD night vision camera systems. Specifically designed for popular Canon®, Panasonic® and Sony® high-definition prosumer camcorder models, they produce high-quality, high resolution night-time video. When you need to get the shot, AstroScope delivers.



9350BRAC-37



9350BRAC-30



9350BRAC-DVX100



9350BRAC-GL2



9350BRAC-HVX200



9350BRAC-HMC/HPX



9350BRAC-EX1/3



9350BRAC-PD170



9350BRAC-XHG1



9350BRAC-Z1



9350BRAC-Z7



9350BRAC-JVC

Without AstroScope



With AstroScope



Experience the difference.

See 8 to 10 F-stops more light!

BOTH SHOTS WERE TAKEN USING THE SAME CAMERA SETTINGS.

AstroScope™ Night Vision

for High Definition 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 high-performance lenses to shoot full-frame images at distances beyond 1000 meters!

AstroScope's modular design enables you to easily transfer the image intensifier to other camera platforms including Canon® SLR, Nikon® SLR, Canon® XL2 and fixed lens camcorders.

- ◆ Use high-performance objective lenses
- ◆ No vignetting on most platforms
- ◆ Installs in less than 30 seconds

Your AstroScope can be reconfigured into these configurations with the addition of the appropriate adapters



AstroScope for CCD Cameras



AstroScope for SLR Cameras



AstroScope 9350 Night Vision Pockscope

Please call us to discuss the wide variety of AstroScope components available to meet your specific requirements (including support for camcorders not listed here).



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AstroScope Camcorder Adapters

Select one or more adapters
(Also requires CIU and Objective Lens shown in the separate tables)

ITEM	DESCRIPTION
9350BRAC-37 Part #: 914885	AstroScope Night Vision Adapter Kit for 37mm High-Definition Video (HDV) Camcorders (Sony, Panasonic, Canon & JVC). Includes: Relay lens with locking ring, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-30 Part #: 914884	AstroScope Night Vision Adapter Kit for 30mm High-Definition Video (HDV) Camcorders (Sony, Panasonic, Canon & JVC). Includes Relay lens with locking ring, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-DVX100 Part #: 914758	AstroScope Night Vision Adapter Kit for Panasonic® AG-DVX100 Camcorder. Includes Relay lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-GL2 Part #: 914634	AstroScope Night Vision Adapter Kit for Canon® GL2 Camcorder. Includes Relay lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-HVX200 Part #: 914743	AstroScope Night Vision Adapter Kit for Panasonic® AG-HVX200 High-Definition Camcorder. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-HMC/HPX Part #: 914934	AstroScope Night Vision Adapter Kit for Panasonic® AG-HMC150, AG-HPX-170 Camcorders. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-EX1/3 Part #: 914915	AstroScope Night Vision Adapter Kit for Sony® PMW-EX1, PMW-EX3 Camcorder. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-PD170 Part #: 914736	AstroScope Night Vision Adapter Kit for Sony® DSR-PD150/PD170/VX2100 Camcorders. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-XHG1 Part #: 914761	AstroScope Night Vision Adapter Kit for Canon® XHG1 High-Definition Camcorder. Includes Relay lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-Z1 Part #: 914754	AstroScope Night Vision Adapter Kit for Sony® HVR-Z1 and HDR-FX1 High-Definition Video (HDV) Camcorders. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-Z7 Part #: 914913	AstroScope Night Vision Adapter Kit for Sony® HVR-Z7 and HDR-FX1 High-Definition Video (HDV) Camcorders. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-JVC Part #: 914908	AstroScope Night Vision Adapter Kit for JVC® GY-HD110 High-Definition Video (HDV) Camcorder. Includes Relay Lens, Base Bracket, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.

AstroScope Central Intensifier Unit (CIU) Options

ITEM	DESCRIPTION
Gen III Aviation** Model #: 9350CIU3-A Part #: 914365	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.
Gen III Pinnacle Model #: 9350CIU3-N Part #: 914248	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!
Gen III Omni IV Model #: 9350CIU3-IV Part #: 914065	Specially selected, third-generation image intensifier. Military-grade sensitivity, resolution and contrast.

Objective Lens Options

ITEM	DESCRIPTION
Part #: 914309	8 mm F1.3 Lens
Part #: 914566	25 mm F1.3 Lens
Part #: 903020	50 mm F1.3 Lens
Part #: 914029	75 mm F1.3 Lens
Part #: 908000	135 mm F2.8 Lens
Part #: 908006	12.5-75 mm F1.2 Zoom Lens
Part #: 903026	70-300 mm F4.5 Zoom Lens
9350FLA-PVS	Front Lens Adapter that includes an integrate 23mm F1.3 1X High performance Night Vision Optic. Replaces the 9350FLA included in the standard bracket and eliminates the need for a C-mount lens

**Aviation-grade image intensifiers are subject to limited availability. Export of this product is controlled by the US State Department. Prior authorization is required for re-export or transfer.