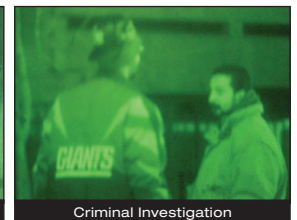
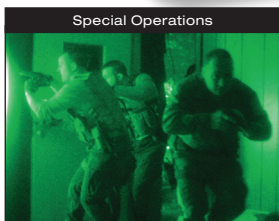
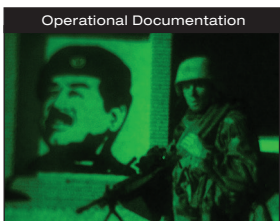


AstroScope™

for Panasonic High Definition Camcorders



Convert your High-End Panasonic Video Camera into a High-Performance Night Vision System



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 Bracket 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.

Additionally, Lynred USA now offers the world's first HD night vision camera systems. Specifically

designed for popular Panasonic® high-definition prosumer camcorder models, they produce high-quality, high-resolution night-time video.

We have models that feature 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.

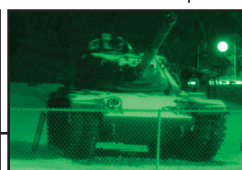
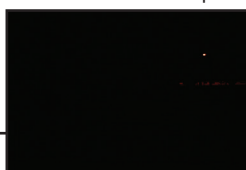
When you need to get the shot, AstroScope delivers.



variable gain feature

Experience the difference.

See 8 to 10 F-stops more light!



BOTH SHOTS WERE TAKEN USING THE SAME CAMERA SETTINGS.

Features	Benefits
• Professional-Grade Accessory	• Designed for use in field environments, the AstroScope system is rugged, compact and versatile.
• Modular Design	• 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 CCD camera night vision setup).
• Improved Low-light Performance by 8 to 10 F-stops!	• Capture bright, tack-sharp, edge-to-edge image detail. The AstroScope system is the highest performance design available for night vision photography.
• User-Friendly Design	• No special setup, calibration or operator training required. Simple, field-expedient configuration and operation.

AstroScope™

for Panasonic High Definition Camcorders

LYNRED USA

A design that delivers optimum performance in every configuration.

Unlike pocketscope-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 CCD cameras and pocketscope assemblies.

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

Alternative AstroScope Configurations

Night Vision for Digital SLR Cameras



Canon EOS DSLR

Nikon DSLR

Night Vision for Pocketscope

Also converts to a pocketscope for handy night-time viewing!

AstroScope Camcorder Adapters	
Select one or more adapters	
(Also requires CIU and Objective Lens shown in the separate tables)	
9350BRAC-30 Part #: 914884	AstroScope Night Vision Adapter for 30mm HD camcorders. Includes back body adapter with relay optic and locking ring to attach to camcorder and front c-mount lens adapter. Requires CIU and lens for operation.
9350B-30V - Variable Gain P/N: 915076	
9350BRAC-37 Part #: 914885	AstroScope Night Vision Adapter for 37mm camcorders. Includes back body adapter with relay optic and locking ring to attach to camcorder and front c-mount lens adapter. Requires CIU and lens for operation.
9350B-37V - Variable Gain P/N: 915079	
9350BRAC-43 Part #: 915198	AstroScope Night Vision Adapter Kit for 43mm High-Definition Video (HDV) Camcorders. Includes Relay Lens with locking ring, Back Body Adapter (EPA), C-Mount Front Lens Adapter (FLA), and two AAA batteries.
9350BRAC-HPX250 Part #: 914743	AstroScope Night Vision Adapter Kit for Panasonic® AG-HPX250 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.

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.
Model #: 9350CIU3-AV (variable gain) Part #: 914984	
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!
Model #: 9350CIU3-NV (variable gain) Part #: 914986	
Gen III Omni IV Model #: 9350CIU3-IV Part #: 914065	Specially selected, third-generation image intensifier. Military-grade sensitivity, resolution and contrast.
Model #: 9350CIU3-IV (variable gain) Part #: 914985	

Objective Lens Options	
ITEM	DESCRIPTION
Part #: 914309	8 mm F1.3 Lens
Part #: 915229	25 mm F1.8 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
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

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

LYNRED USA
373 Route 46W
Fairfield, NJ, 07004 USA
Phone: 973-882-0211
Fax: 973-882-0997
info@lynred-usa.com

Export of this product is controlled by the US State Department. Prior authorization is required for re-export or transfer.

Electronic News Gathering application image from *Devil's Brigade* television series – © Monarch Films. All rights reserved.



LYNRED USA