

# Raysun NVS-III Hand-held Night Vision Monocular



Co-work with 10X lens

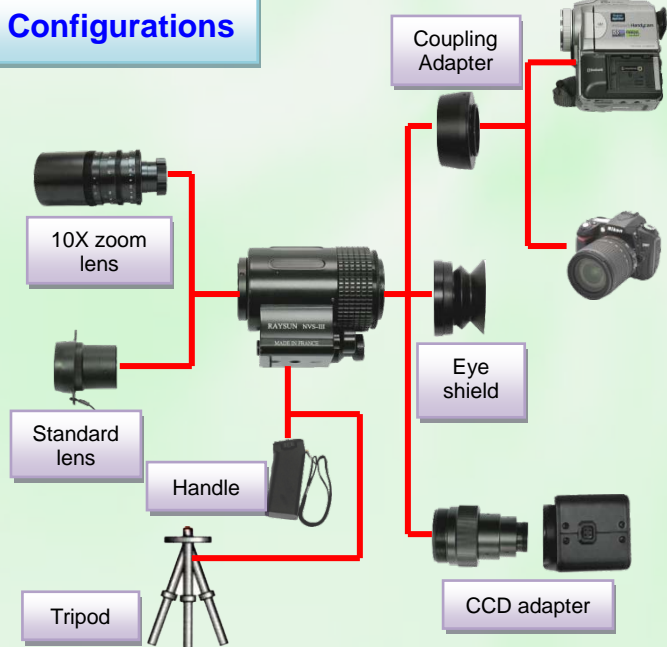


Co-work with CCD



Co-work with camcorder

## Configurations



- Built-in *HyperGen* or *Gen 3* Image Intensifier Tube (IIT), eXTreme grade (High FOM, equivalent to Gen. 3 US and XD-4, better than US export restrained standard of FOM).
- Can be integrated with our DN-680III, camera, DV Camcorder & CCD camera.
- Built-in 5mW infrared illuminator for illuminating in the totally dark places.
- Clear image, high Luminance gains, compact, light weight, easy for carry & operation.
- Objective lens can be changed by various CCD lens or camera zoom lens via adapter coupling.

## Standard package:

- (1). NVS-III main body
- (2). 25mm standard lens
- (3). Hand/neck strap
- (4). Handle
- (5). 25/30/37mm Camera/Camcorder Adapter
- (6). 37→52mm Adapter
- (7). Carrying bag



Standard package

## Specifications:

<b>Objective lens</b>		Standard 25 mm lens	
<b>Objective F number</b>		F 1.2	
<b>Field of view</b>		40°	
<b>Objective lens mount</b>		CCD, C-mount adapter	
<b>Eyepiece diameter</b>		25mm	
<b>Dioptric correction</b>		±5	
Image Intensifier Tube (IIT)	<b>Grade</b>	<b>HyperGen</b>	<b>Gen 3</b>
	<b>Luminance gains, FL/FC, min.</b>	40,000 fl/fc at 10 <sup>-6</sup> fcd	
	<b>Sensitivity, μA/lm</b>	600-750	1200 above
	<b>Resolution, Lp/mm</b>	57-64	
	<b>S/N ratio</b>	20-23	20-24
<b>MTBF, hours</b>		10,000	
<b>Power switch</b>		3-step: OFF/ON/IR	
<b>Dimensions (just main body of monocular), mm</b>		85x50x70mm	
<b>Weight (just main body of monocular), g</b>		380g	
<b>Power / Running time</b>		DC 3V Lithium battery /45 hours	

We reserve the right to vary, modify or improve any specification and/or design at any time without prior notice.



## Options:

- (1). 4X lens
- (2). 10X zoom lens, 16~160mm
- (3). DN-680III spot-scope
- (4). Camera/Camcorder Adapter
- (5). CCD camera adapter