

# Modular Night Vision Scope with Variable Gain



Sample Configurations:



## Part #: TSE-MOD-NV-CAN or TSE-MOD-NV-NIK

The TSE Modular Night Vision Scope was designed specifically for tactical surveillance and reconnaissance work. It has an interchangeable two-part housing machined out of billet aluminum. The objective lens is standard C-Mount, allowing the user to easily change out lenses to meet mission requirements; but can easily be replaced with an optional adapter for use with Canon or Nikon DSLR lenses. The Modular Night Vision Scope includes a 37mm threaded camera adapter allows easy attachment of virtually any camcorder or point & shoot camera while also allowing back focus adjustment. The 37mm Relay Lens allows any C or CS mount camera to be used with the Modular Night Vision Scope. This rugged scope is water resistant and operates about 30 hours on two AAA batteries.

## Features

- Operates on two AAA Batteries
- Water & Corrosion Resistant
- Extremely Durable
- Supports Canon & Nikon DSLR
- Supports all C-mount Lenses
- Exportable Versions Available

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<b>Specifications (TSE-MOD-NV-CAN or TSE-MOD-NV-NIK)</b>	
<b>Size</b>	1.75"W x 2.77H" x 5.15"D
<b>Weight</b>	15.5 Oz
<b>Batteries</b>	2ea AAA Batteries
<b>Composition</b>	Black Anodized Aluminum
<b>Gain Adjustment</b>	Automatic With Bright Source Protection and Manual with Variable Gain Knob
<b>Photocathode Response</b>	>1800 (μA/lm)
<b>Center Resolution</b>	≥64 (lp/mm)
<b>Luminous Gain</b>	≥40K (fl/fc@2x10 <sup>-6</sup> fc)
<b>Signal-to-Noise</b>	≥23
<b>Halo</b>	≤0.9 (mm)
<b>Resolution</b>	64 Lines Per Millimeter
<b>Intensified Tube Life</b>	10,000 Hours Typical
<b>Diopter Adjustment</b>	-6 to +2 Diopter
<b>Eye Relief</b>	25mm (min.)
<b>Front Lens</b>	25mm F1.4 Macro
<b>F-Stop Range</b>	F1.4 to F16
<b>Rear Lens Mount</b>	Supports all C-mount Lenses
<b>Field Of View</b>	40°
<b>Mount</b>	20 x ¼ Tripod Mount
<b>Optional Configurations</b>	TSE-MOD-NV-CAN for use with Canon DSLRs TSE-MOD-NV-NIK for use with Nikon DSLRs

<b>Equipment and Lens Compatibility</b>
All C or CS Mount Manual Surveillance Lenses
DSLR Lenses With C Mount Adapters
All Commercial Catadioptric (mirror) Lenses (w/ custom adapters)
All Custom Catadioptric (mirror) Lenses (w/ custom adapters)
All Commercial & Military Spotting Scopes
Numerous Commercial Digital Cameras
Numerous Commercial Camcorders
Canon and Nikon DSLRs

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