

RAYSUN NV-208M

Night Vision Module Adapter for NIKON DSLR



25mm

100mm

216.4mm



+25mm F1.17 lens

+100mm F1.5 lens

+216.4mm F2 lens (option)

- The highest performance model for night vision photograph.
- The cutting edge NV-208M incorporates a Gen 2+ tube and combine with catadioptric telescopic lens with super-large aperture openings to convert day-time camera into high resolution image under darkest condition.
- NV-208M comes with 1x and 4x lens and provide 8x lens as option.
- If restrain your camera at ISO 800 and 1/125sec in complete darkness, NV-208M will execute a low light capability to capture a sharp and bright night-time images that can be photographed or video recorded.
- Ideal for wide area surveillance and long distance detection with the configuration of 100mm/216.4mm telephoto catadioptric lens with minimized F-number at 1.5/2 only.
- Permit to use with our IR laser illuminator to extend the range of 500m while retaining the function of photographing, recording and image stabilization.

Specification :

Model		NV-208M
NV adapter	Length	98.5 mm
	Diameter	66.1 mm
	Weight	Around 342g
	Bayonet mounts	AF-S to Nikon Mount to objection lens
	Power	From Camera
	Image intensifier tube	Photocathode operating diameter
Photocathode type		S-25
Resolution		57-64 Lp/mm
Sensitivity		600-750 μ A/lm
Luminous gain		40,000 fl/fc at 10-6 fcd
Dark background brightness, max		1,5x10 ⁻³ cd/m ²
Signal-to-noise ratio		20-23
Current consumption, max		16mA
Mean time before failure		10,000 hours

Objective Lens

Magnification	1x	4x	8x
Optics	Refractor	Catadioptric	Catadioptric
Angle	40°	10°	5°
Focal length	25mm (\approx 75mm/135)	100mm (\approx 300mm/135)	216.4mm (\approx 600mm/135)
Aperture	f 1.17	f 1.5	f 2
Outer dia..	3.5cm	8cm	13cm

Performance :



Standard package

- (1) NV-208M main unit
- (2) 25mm, F1.17 lens
- (3) 100mm, F1.5 lens
- (4) IR illuminator adapter
- (5) Watertight case

Option:

- (1) 216.4mm, F2 lens
- (2) IR illuminator (500m range)