

## NVCOA-M/L/XL Night Vision Clip-ons

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Extending the boundaries of night vision systems, Thermal Vision Technologies LLC has introduced the new line of AT clip-ons. In order to satisfy the most demanding customer, the clip-ons are available in three modifications, different in size, weight and tasks performing: NVCOA-M, NVCOA-L and NVCOA-XL.

Designed for short-to-medium ranges, the most compact clip on NVCOA-M, intended to convert low-to-mid power daytime sights or binoculars (up to 6x magnification) to operate at night. It can be attached in front of a day rifle scope (using its quick release Picatinny mount) or directly onto the day scope (or binocular) objective lens with the included adaptor.

NVCOA-M device is factory bore-sighted to better than 1MOA accuracy, that's why no alteration in zero is experienced. The clip-on is intended primarily for operating when field of view and ease of use is more important than high magnification.

NVCOA-L is one of the most advanced night vision clip-on for long-range night shooting (up to 1000 m), and stands out from the competition when it comes to clarity, versatility, reliability, function and value.

NVCOA-L is packed with innovative features like variable gain control, bright light shut-off and a wireless remote control. This night vision clip-on is designed to make long-range night shooting just as easy and accurate as daytime shooting in the same terrain.

NVCOA-XL is a night vision unit that mounts in front of any existing day scope, converting the scope into a night vision-capable device with an extra-long viewing range of up to 1500 meters. Suitable for use with most commercial and military specification daytime scopes (up to 16x magnification), NVCOA-XL can be mounted/dismounted on any standard Picatinny rail in seconds, with no special tools required.

It can be used with an advanced modular rangefinder with a wavelength of 905 nm in order to determine the exact distance between the observer and the target up to 2000 meters. Measurements are displayed on the rangefinder's indicators and in the FOV of any connected night vision device.



## FEATURES

- ✓ Simple and quick conversion of any day scope into a night vision device
- ✓ Mounts in front of riflescope with no re-zeroing required
- ✓ Precise laser rangefinder capability
- ✓ Equipped with wireless remote control
- ✓ Variable gain control
- ✓ Low battery indicator
- ✓ Quick-release mount
- ✓ Bright light cut-off system
- ✓ Used with advanced modular rangefinder



#### DELIVERY SET

- ✓ Night vision clip-ons NVCOA-M / NVCOA-L / NVCOA-XL
- ✓ Tactical bag
- ✓ One lithium battery CR123A
- ✓ Battery adapter CR123A 3V / AA 1.5V
- ✓ Lens tissue
- ✓ Special wrench
- ✓ AWReC (advanced wireless remote control)
- ✓ Detachable X-Long range infrared illuminator
- ✓ Picatinny adapter for AWReC
- ✓ Light-suppressor
- ✓ User's manual



### TECHNICAL CHARACTERISTICS

MODEL	NVCOA-M	NVCOA-L	NVCOA-XL
Generation	III		
Resolution	60-64 lp/mm		
Magnification	1x (recommended to use with up to 6x day time optics)	1x (recommended to use with up to 12x day time optics)	1x (recommended to use with up to 16x day time optics)
<b>OPTICS</b>			
Objective lens	80 mm	108 mm	145 mm
Objective F number	F/1.2	F/1.54	F/1.8
Field of view (FOV)	12°	9°	7°
Focus range	10 m ÷ ∞	10 m ÷ ∞	25 m ÷ ∞
Exit Pupil Diameter	21 mm	40 mm	50 mm
<b>FUNCTIONAL FEATURES</b>			
Remote Control	Wireless		
Manual Gain Control	Yes		
Bright Light Cut-off	Yes		
Automatic Shut-off System	Yes		
Infrared Illuminator	Detachable Long Range IR Illuminator		
Low Battery Indicator	Yes		
<b>OPERATING PARAMETERS</b>			
Power Supply	CR123 Lithium 3V (1) or AA Alkaline 1.5V (1) or any AA or CR123 type		



	rechargeable batteries with voltage from 1.2V to 3.2V (1)		
Battery Life	up to 60 hours		
Operating Temperature	-40°C ÷ +50°C		
Storage Temperature	-50°C ÷ +70°C		
Dimensions	180 x 80 x 80 mm	235 x 97 x 80 mm	304 x 104 x 94 mm
Weight	0.69 kg	0.91 kg	1.4 kg
Protection	IP67		



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