

# VERSATILE 24/7 IMAGING

Capture high contrast and high resolution imagery from bright sunlight to the very lowest-light night environments, with the versatile digital high definition CMOS Night Observation Device.

**SEESPOT &  
RECORDING  
CAPABILITY**



## CNOD

Built in partnership with Rochester Precision Optics

The CNOD provides two functions in a single device at the fraction of the cost of similar systems currently on the market. Usable as a clip-on or stand alone weapon sight for 24/7 high definition operation, the CMOS Night Observation Device enables militaries around the world, including the US Army, to expose the hidden detail in any environment.

## Photonis is the award-winning provider of the CMOS Night Observation Device – the world's first 24/7 day-to-night digital handheld weapon sight.

- Fully digital system, no intensifier tubes
- Monocular, clip-on sight or stand alone sight
- 500 nm to 1080 nm wavelength range
- 6 x internal digital zoom
- Perfect picture day and night
- Capture and record images and video
- Shockproof up to .30 cal
- Accessories for modular application
- Environmentally tested to MIL-STD-810G
- Deployed by NATO forces



TECHNOLOGY	
Sensor	Lynx CMOS
Format	HD (picture and video mode)
Light Sensitivity	Approx. Quarter Moon
Spectral Range	500 nm - 1080 nm
Frame Rate	Up to 60 Hz with full field resolution
OPTICAL PERFORMANCE	
Field of view	22.6°
Focal Length	40 mm
F/#	1.2
Focus	Medium to long range
Magnification	1x unity
Digital zoom	2x, 4x, 6x
POWER	
Powersupply	2x CR123
Autonomy	ca. 4 hours in full use (at 23° C)
DIMENSIONS	
Length	140 mm
Width	81 mm
Height	64 mm
Weight	540 g with batteries and rail mount
OPERATING PERFORMANCE	
Detection	> 750 meters
Recognition	> 200 meters
Laser detection	RSM Version to 2.5 km   LD Version > 2.5 km (ITAR)
Internal memory	14 GB SD-card (non-swappable)
ENVIRONMENT	
Dayscope zoom	1x - 2x (optical)
Dayfilter	Firing compatible
Reticle	MIL-X, MIL-D or MIL-O
Rail mount	Picatinny or Larue mount
Submersion	IP-68 (1 meter)
Weapon shock	Small arms, M4 / M16 / M1110, .300 Win, .338 LM