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

<table>
<thead>
<tr>
<th>Sensor</th>
<th>Lynx CMOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format</td>
<td>HD (picture and video mode)</td>
</tr>
<tr>
<td>Light Sensitivity</td>
<td>Approx. Quarter Moon</td>
</tr>
<tr>
<td>Spectral Range</td>
<td>500 nm - 1080 nm</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>Up to 60 Hz with full field resolution</td>
</tr>
</tbody>
</table>

#### OPTICAL PERFORMANCE

<table>
<thead>
<tr>
<th>Field of view</th>
<th>22.6°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal Length</td>
<td>40 mm</td>
</tr>
<tr>
<td>F/#</td>
<td>1.2</td>
</tr>
<tr>
<td>Focus</td>
<td>Medium to long range</td>
</tr>
<tr>
<td>Magnification</td>
<td>1x unity</td>
</tr>
<tr>
<td>Digital zoom</td>
<td>2x, 4x, 6x</td>
</tr>
</tbody>
</table>

### 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