



# MeoNox DF 1 Cougar

Night vision device (NVD) with a wide range of use. As a personal NVD could be used for helmet holder or as a night vision clip on device behind day aiming system (red dot sight) eventually as handheld observation device. For shooting during the night at medium and longer distances, NVD could be used with 3x magnifying module. Image intensifier tube (IIT) contains white phosphorus, which guarantees excellent resolution and the quality of transmitted image.

Magnification	1x	
Objective Lens Diameter (mm)	22	
Eye Relief (mm)	25	
Image Intensifier Tube	4G	
Resolution (SOA)	2.5	
Field of View (°)	40	
Dioptric Correction (D)	-4	+3
Focus Range (m)	0.25	∞
Brightness adjustment (S/C)	continuous	
Recoil Resistance (g)	500	
Human DRI* 1x zoom (m)	970/320/175	
Human DRI* 3x zoom (m)	2250/860/450	
Power Supply (V)	1.5 ÷ 3.6 (AA/CR123)	
Battery Lifetime** (hrs)	min. 52	
Motion sensor (Y/N/g)	Y/0.1	
Automatic Shut Down (Y/N/min)	Y/15	
Operational Temperature Range (°C)	-40	+60
Storage Temperature Range (°C)	-45	+71
Moisture Resistance [+23/+40°C] (%)	80/98	
Water Resistance (m/hrs)	2/2	
Dimensions*** L x H x W (mm)	134x57x73	
Weight**** (g)	350	

## FEATURES

- **MEOBRIGHT**
- **MEODROP**
- **SHOCK RESISTANT**
- **WATERPROOF**
- **NITROGEN PURGED**

\* Coefficient of atmospheric clarity min. 0.8 at 1 km in natural night illumination  $5 \times 10^{-3}$  lx, when observed target (1.7x0.5m) contrast against background is 0.6

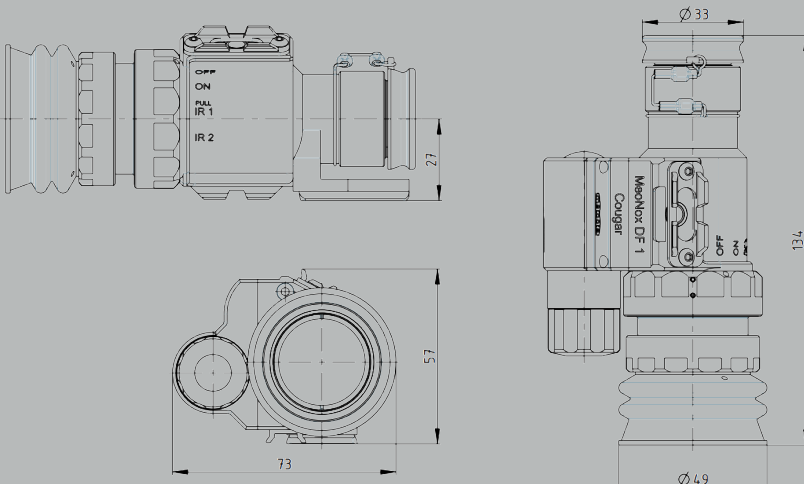
\*\* 1pc - Lithium LS 14500 3.6V, size AA and ambient temperature +20°C

\*\*\* With objective and eyepiece covers

\*\*\*\* With covers and battery

(SOA) Second Of Angle

(DRI) Detection, Recognition, Identification



**MEOPTA SYSTEMS s.r.o.**  
Kabelíkova 1, 750 02 Přeřov  
Česká republika

Telefon: +420 581 241 111  
E-mail: meopta@meopta.com  
www.meopta.com



**MEOPTA SYSTEMS s.r.o.**  
Kabelíkova 1, 750 02 Píerov  
Česká republika

Telefon: +420 581 241 111  
E-mail: [meopta@meopta.com](mailto:meopta@meopta.com)  
[www.meopta.com](http://www.meopta.com)